# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## OR.

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

6. If Indian, Allotee or Tribe Name

5.	Lease Serial	No.	
U-0	284-A		

APPLICATION	EAD	DEDMIT	TO DOLL I	OD DEENTED
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APPLICATION FOR PERMIT TO	DUILL OU DECITIES			
la. Type of work:  DRILL REENTE	ER	-	7. If Unit or CA Agre Chapita Wells Unit	ement, Name and No.
lb. Type of Well: Oil Well Gas Well Other	✓ Single Zone  Multip	ole Zone	8. Lease Name and Chapita Wells Unit	
Name of Operator     EOG Resources, Inc.		-	9. API Well No. 43-047	39622
3a. Address 1060 East Hwy 40 Vernal, UT 84078	3b. Phone No. (include area code) 435-781-9111		10. Field and Pool, or Natural Buttes/Mes	. ,
4. Location of Well (Report location clearly and in accordance with an	y State requirements.*)		11. Sec., T. R. M. or B	lk. and Survey or Area
	AT 109 434764 LON 1 <b>2515</b> 109 - 4340 73		Sec. 22-T9S-R22E	, S.L.B.&M.
<ol> <li>Distance in miles and direction from nearest town or post office*</li> <li>49.1 miles south of Vernal, Utah</li> </ol>			12. County or Parish Uintah County	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of acres in lease 17. Spacin 1240 Suspend		ing Unit dedicated to this well	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth 20. BLM/ 9590 NM2308		MBIA Bond No. on file	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4898' NAT GL	22. Approximate date work will star	rt*	23. Estimated duration 45 days	n
,	24. Attachments			
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, must be a	tached to th	is form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	Item 20 above).  Lands, the 5. Operator certific	ation		existing bond on file (see
25. Signaturo Mary a. Mary	Name (Printed/Typed) Mary A. Maestas			Date 09/06/2007
Title Regulatory Assistant	***			
Approved by (Signinge)	Name (Printed/Typed)  BRADLEY	S HIII		Date 09-17-07
Title	OffienVIRONMENTAL	MANAGE	R	
Application approval does not warrant or certify that the applicant hold conduct operations thereon.  Conditions of approval, if any, are attached.	s legal or equitable title to those righ	ts in the sub	oject lease which would e	ntitle the applicant to

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

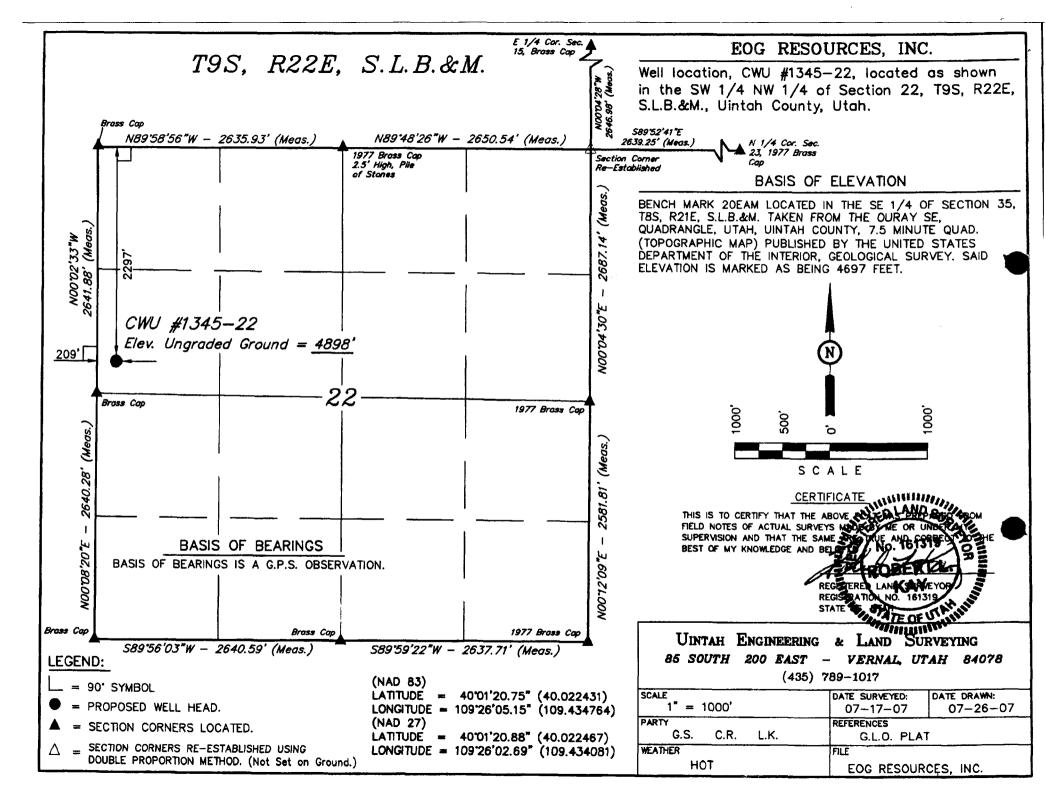
(Continued on page 2)

\*(Instructions on page 2)

Federal Approval of this Action is Necessary

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DIV. OF OIL, GAS & MINING



#### CHAPITA WELLS UNIT 1345-22 SW/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	1,687		Shale	
Wasatch	4,747		Sandstone	
Chapita Wells	5,359		Sandstone	
Buck Canyon	6,039		Sandstone	
North Horn	6,743		Sandstone	
KMV Price River	7,247	Primary	Sandstone	Gas
KMV Price River Middle	8,101	Primary	Sandstone	Gas
KMV Price River Lower	8,909	Primary	Sandstone	Gas
Sego	9,388		Sandstone	
TD	9,590			

Estimated TD: 9,590' or 200'± below Sego top

Anticipated BHP: 5,236 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.
- 3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

CASING	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	WEIGHT	<u>Grade</u>	Thread	<u>Rating</u> <u>Collapse</u>	<u>Factor</u> <u>Burst</u>	<u>Tensile</u>
Conductor	17 1/2"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0 - 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note:  $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of  $200^{\circ}\pm$  below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

#### CHAPITA WELLS UNIT 1345-22 SW/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 5. Float Equipment:

#### Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

#### **Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

2300'±-TD A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### 7. VARIANCE REQUESTS:

#### Reference: Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### CHAPITA WELLS UNIT 1345-22 SW/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 8. EVALUATION PROGRAM:

Logs:

Lead:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

#### 9. CEMENT PROGRAM:

#### **Surface Hole Procedure (Surface - 2300'±):**

185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3

1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail: 207 sks Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2

gps water.

Top Out: As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18

ft<sup>3</sup>/sk., 5.2 gps water.

Note: Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

Lead:

140 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

940 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to  $200' \pm above 9-5/8"$  casing shoe. Tail volume to be calculated to bring cement to  $400' \pm above$  top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

#### CHAPITA WELLS UNIT 1345-22 SW/NW, SEC. 22, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 10. ABNORMAL CONDITIONS:

#### **Surface Hole (Surface - 2300'±):**

Lost circulation

#### **Production Hole (2300'±-TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

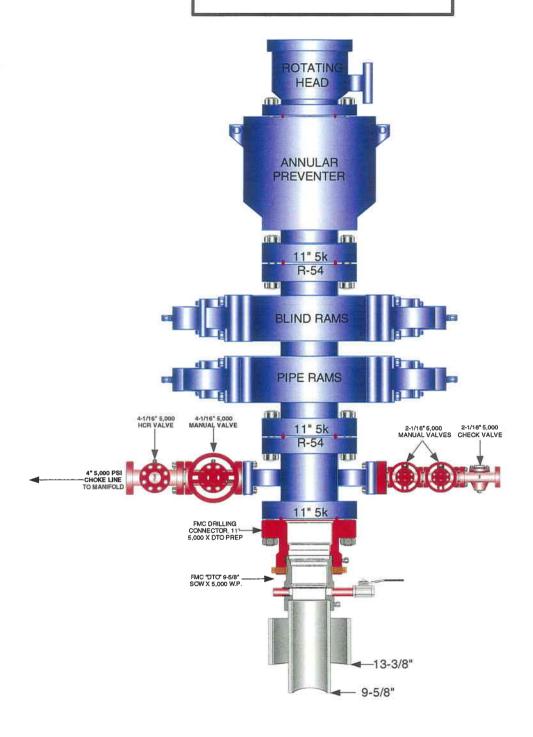
#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

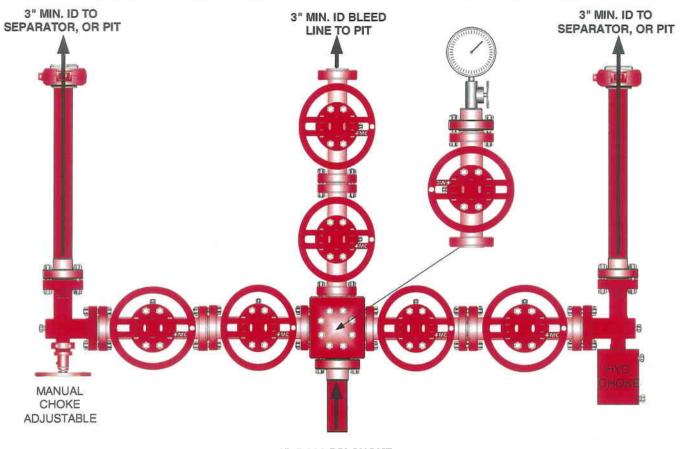
### EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



#### Chapita Wells Unit 1345-22 SWNW, Section 22, T9S, R22E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 1056 feet long with a 40-foot right-of-way, disturbing approximately .97 acre. New surface disturbance associated with the well pad and access road is estimated to be 2.81 acres. The pipeline is approximately 1835 feet long with a 40-foot right-of-way disturbing approximately 1.69 acres.

#### 1. Existing Roads:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 49.1 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 1056' in length, with one (1) 18" CMP and other culverts installed as needed. See attached Topo B.
- B. The access road has a 40-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 40-foot permanent right-of-way is requested. No surfacing material will be used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

An off-lease right-of-way is not required. The entire length of the proposed access road is located within Federal Lease # U-0284-A.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 1835' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease U-0284-A) proceeding in a westerly, then northerly, then easterly, then northerly direction for an approximate distance of 1835' tieing into an existing pipeline in the SWNW of Section 22, T9S, R22E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. An off-lease right-of-way is not required. The entire length of the proposed pipeline is located within Federal Lease # U-0284-A.
- 7. The proposed pipeline route begins in the SWNW of section 22, township 9S, range 22E, proceeding westerly, then northerly, then easterly, then northerly for an approximate distance of 1835' to the SWNW of section 22, township 9S, range 22E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon or Covert Green. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit, through natural or artificial methods, or removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt, and a 16-millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) will be used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the northwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the north side of the location, a minimum of 100 feet from the wellhead and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil east of pit corner B. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protection of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the west.

The corners of the well pad will be rounded off as needed to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)			
HyCrest Wheatgrass	9.0			
Prostrate Kochia	3.0			

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Fourwing Saltbush	3.0
Shadscale	3.0
Indian Ricegrass	2.0
HyCrest Wheatgrass	1.0

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

#### **Bureau of Land Management**

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places:
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for

the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and will be submitted by Intermountain Paleo.

#### **Additional Surface Stipulations:**

None.

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### PERMITTING AGENT

Mary A. Maestas EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

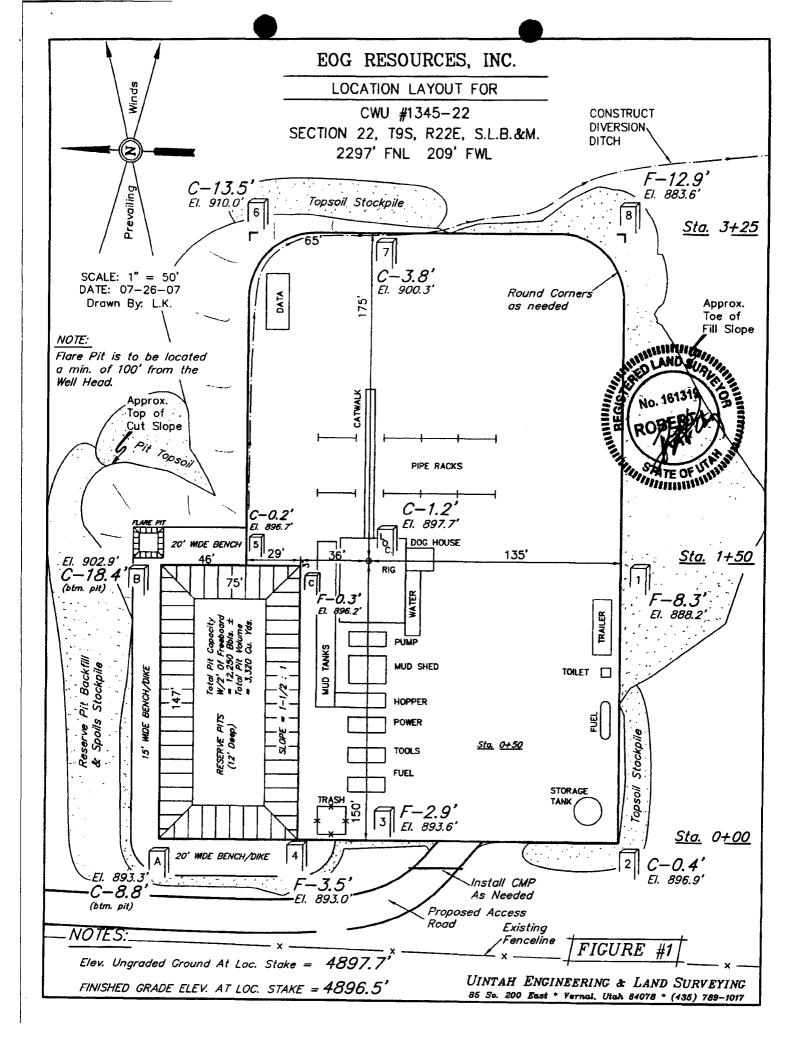
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

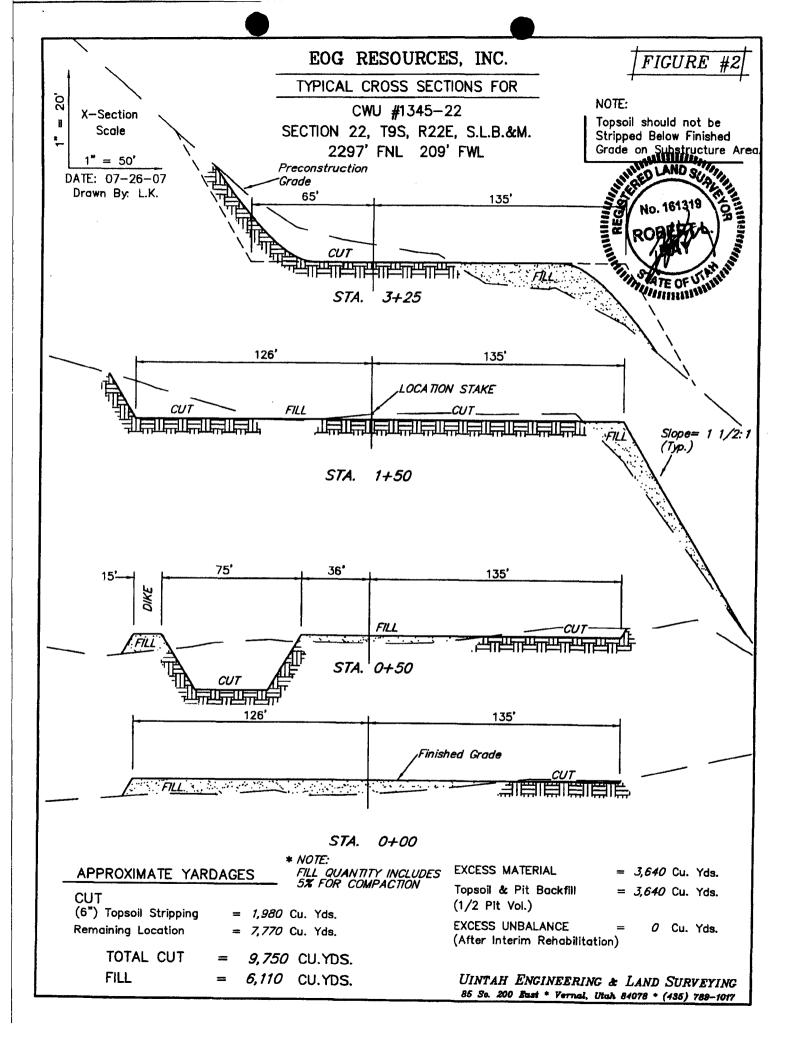
Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 1345-22 Well, located in the SWNW, of Section 22, T9S, R22E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

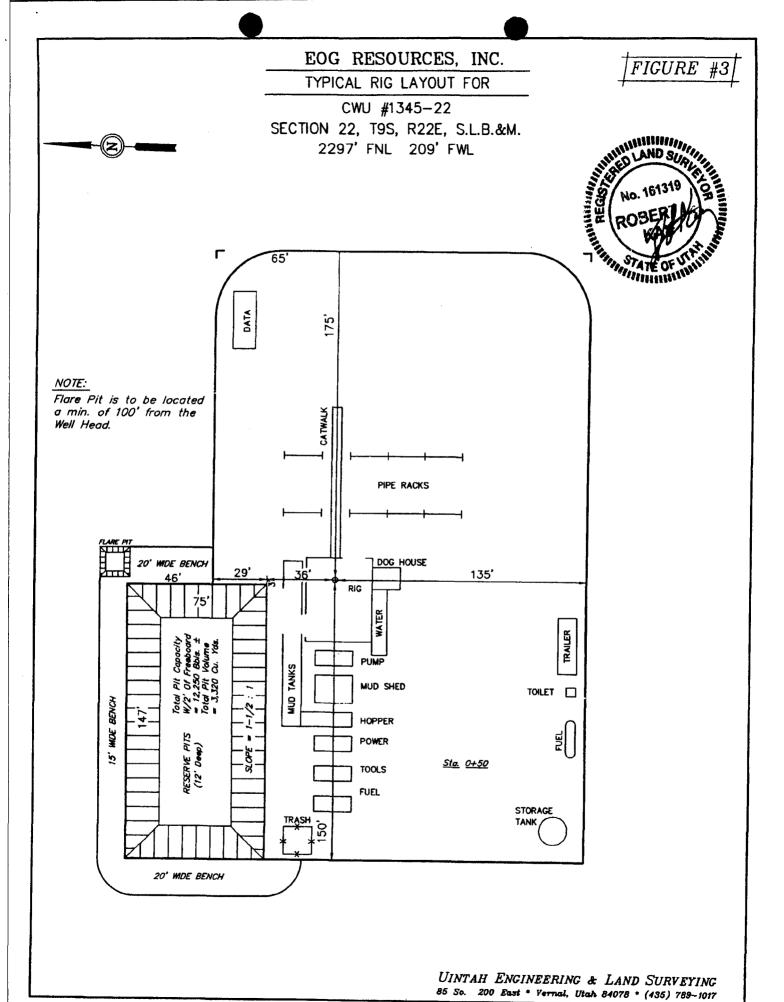
September 6, 2007

Date

Mary A. Maestas, Regulatory Assistant







# EOG RESOURCES, INC. CWU #1345-22

LOCATED IN UINTAH COUNTY, UTAH SECTION 22, T9S, R22E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

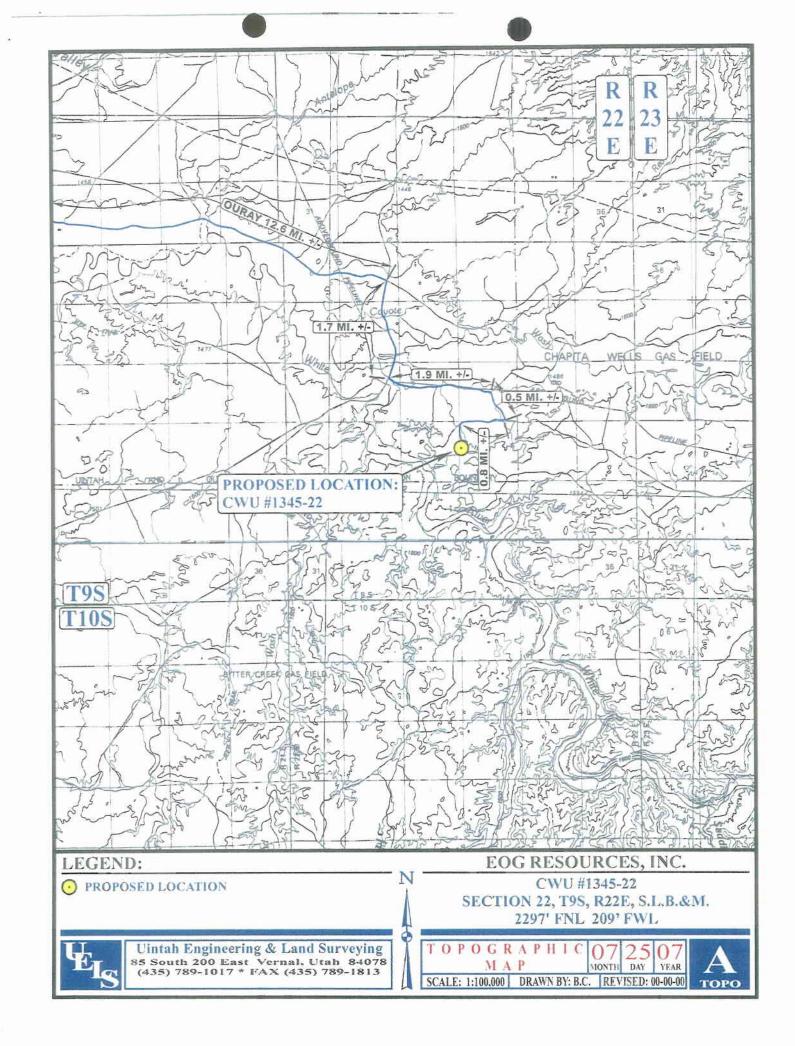
CAMERA ANGLE: SOUTHWESTERLY

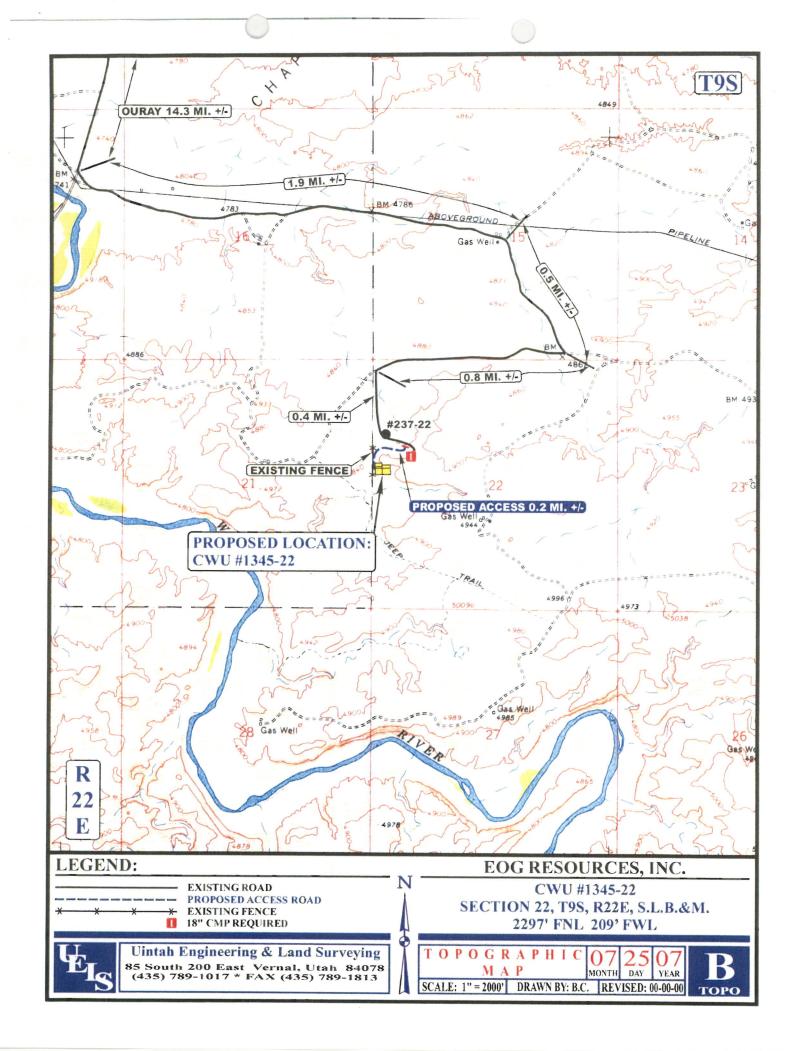


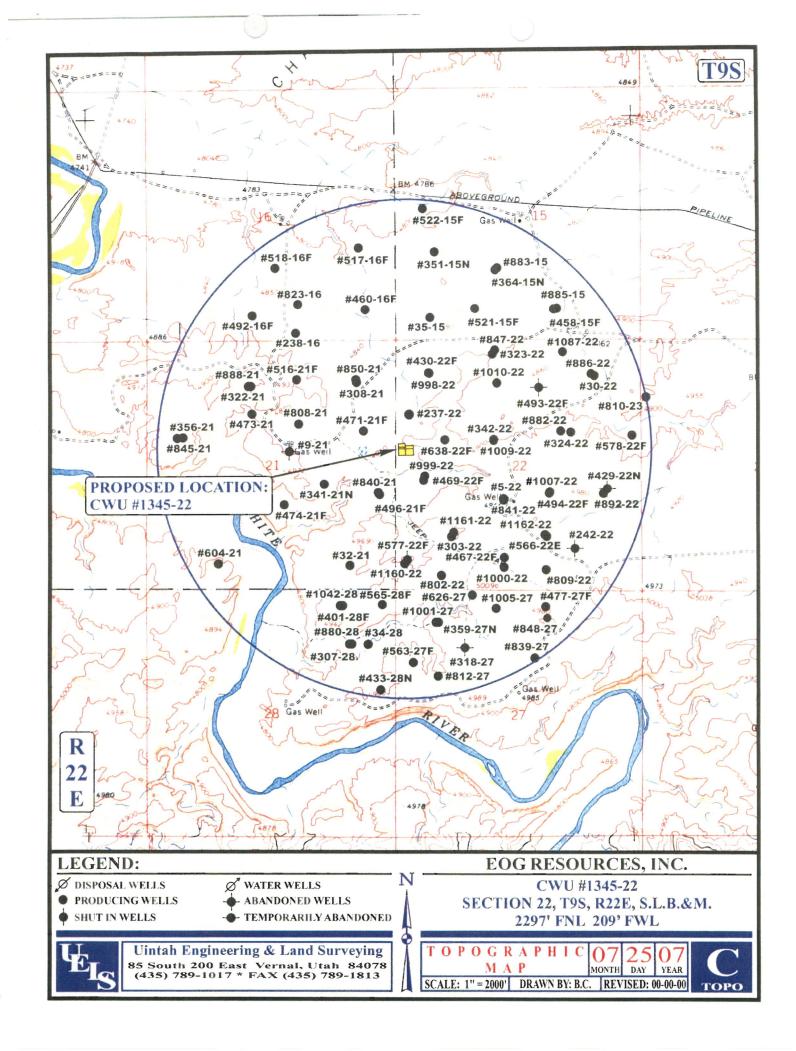
Uintah Engineering & Land Surveying S 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

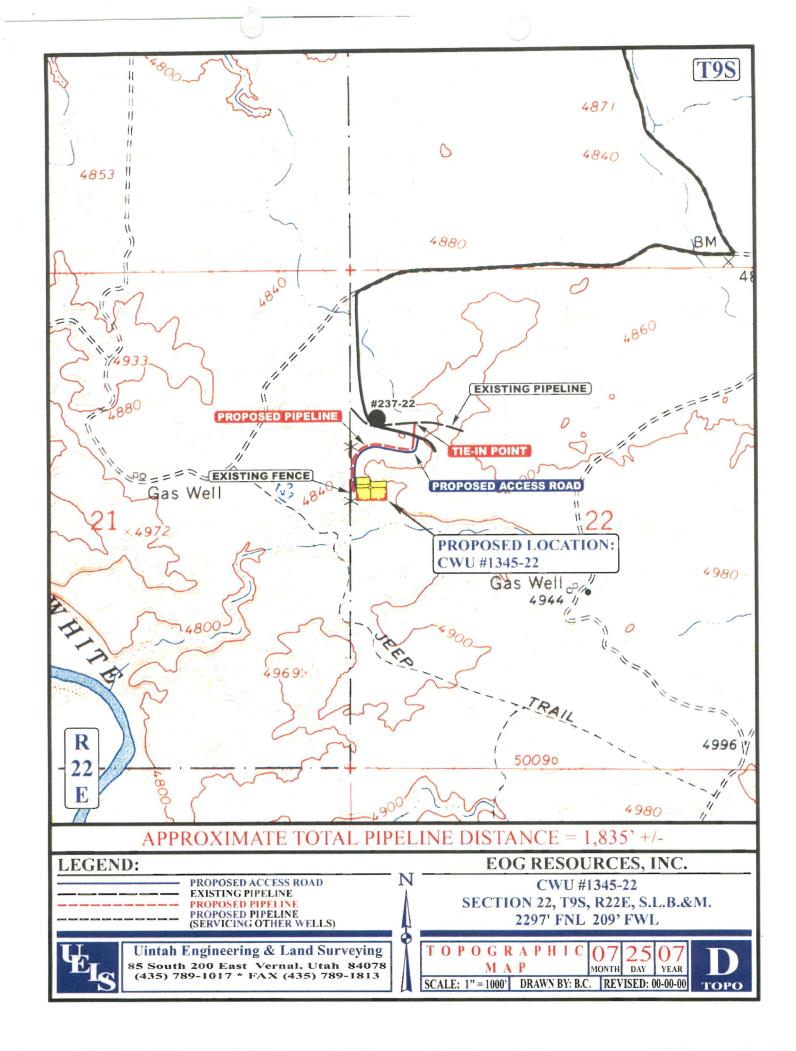
**LOCATION PHOTOS** MONTH DAY

TAKEN BY: C.R. | DRAWN BY: B.C. | REVISED: 00-00-00

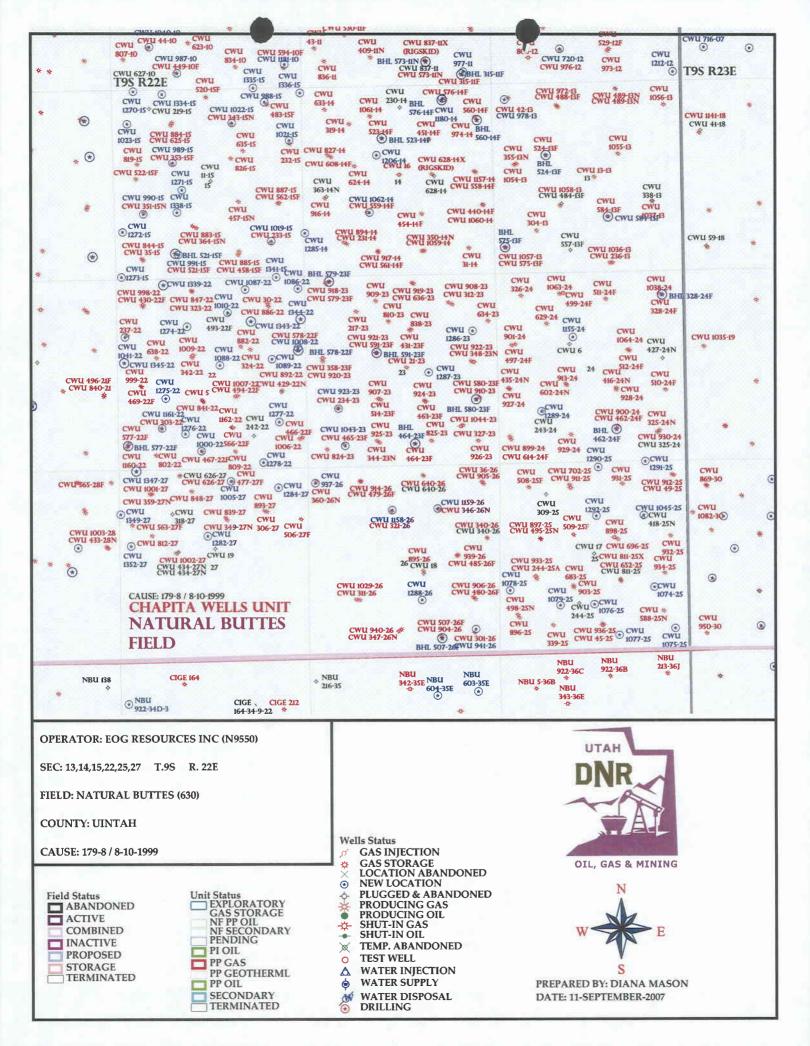








APD RECEIVED: 09/11/2007	API NO. ASSIGNED: 43-047-39622
WELL NAME: CWU 1345-72  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: MARY MAESTAS	PHONE NUMBER: 435-781-9111
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SWNW 22 090S 220E SURFACE: 2297 FNL 0209 FWL	Tech Review Initials Date
BOTTOM: 2297 FNL 0209 FWL	Engineering
COUNTY: UINTAH LATITUDE: 40.02252 LONGITUDE: -109.4341	Geology
UTM SURF EASTINGS: 633630 NORTHINGS: 443122	Surface
FIELD NAME: NATURAL BUTTES (630)  LEASE TYPE: 1 - Federal  LEASE NUMBER: U-0284-A  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM2308  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-225  N. RDCC Review (Y/N)  (Date:)  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: CHAPITA WELLS  R649-3-2. General
STIPULATIONS:  1- Jedin Chy 2- Die St	or inchi



### **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 12, 2007

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2007 Plan of Development Chapita Wells Unit Uintah

County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Chapita Wells Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ Wasatch)

43-047-39617 CWU 0729-29 Sec 29 T09S R23E 2039 FNL 1944 FEL

(Proposed PZ MesaVerde)

43-047-39614 CWU 0978-13 Sec 13 T09S R22E 0442 FNL 0367 FWL 43-047-39610 CWU 1206-14 Sec 14 T09S R22E 1909 FNL 2073 FWL 43-047-39615 CWU 1341-15 Sec 15 T09S R22E 0002 FSL 0769 FEL 43-047-39616 CWU 1334-15 Sec 15 T09S R22E 0142 FNL 1397 FWL 43-047-39622 CWU 1345-22 Sec 22 T09S R22E 2297 FNL 0209 FWL 43-047-39623 CWU 1344-22 Sec 22 T09S R22E 1163 FNL 0120 FEL 43-047-39624 CWU 1343-22 Sec 22 T09S R22E 1203 FNL 1502 FEL 43-047-39620 CWU 1339-22 Sec 22 T09S R22E 1203 FNL 1300 FWL 43-047-39612 CWU 1349-27 Sec 27 T09S R22E 1219 FNL 0040 FWL 43-047-39613 CWU 1352-27 Sec 27 T09S R22E 2096 FNL 0314 FWL 43-047-39619 CWU 0958-33 Sec 33 T09S R23E 0671 FNL 0544 FWL 43-047-39618 CWU 1150-19 Sec 19 T09S R23E 0456 FSL 1832 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron Fluid Chron

MCoulthard:mc:9-12-07





MICHAEL R. STYLER
Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA
Division Director

September 17, 2007

EOG Resources, Inc. 1060 East Hwy 40 Vernal, UT 84078

Re: Chapita Wells Unit 1345-22 Well, 2297' FNL, 209' FWL, SW NW, Sec. 22, T. 9 South,

R. 22 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39622.

K. Michael Hebertan

For Gil Hunt

**Associate Director** 

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.					
Well Name & Number	Chapita Wells Unit 1345-22					
API Number:	43-047-39622					
Lease:	U-0284-A					
Location: SW NW	Sec. 22 T. 9 South	<b>R.</b> 22 East				

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 office (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

\* Form 3160-3 (August 2007)

## RECEIVED VERHAL FIELD OFFICE

FORM APPROVED OMB No. 1004-0137 Expires July 31, 2010

UNITED STATES 2007 SEP -7 AM 11: 225. Lease Serial No.

U-0284-A

BUREAU OF LAND MANAGEMENT EPT. OF THE

5. If Indian, Allotee or Tribe Name

APPLICATION FOR PERMIT TO	DRILL OF	R/REENTER LA	au mu	î L		
la. Type of work:  DRILL  REENTH	ER			7. If Unit or CA Agre Chapita Wells Unit		<u>—</u> АЕ
lb. Type of Well: Oil Well Gas Well Other	<b>✓</b> Si	ngle Zone Multip	ole Zone	8. Lease Name and V Chapita Wells Unit	Vell No.	
Name of Operator     EOG Resources, Inc.				9. API Well No.	39622	
3a. Address 1060 East Hwy 40	3b. Phone No	). (include area code)		10. Field and Pool, or I	Exploratory	
Vemal, UT 84078	435-781-9	111		Natural Buttes/Mes	averde	
4. Location of Well (Report location clearly and in accordance with an	ry State requiren	nents.*)		11. Sec., T. R. M. or B	k. and Survey or Area	
At surface 2297' FNL & 209' FWL (SWNW) 40.022431 I	LAT 109.43	34764 LON		Sec. 22-T9S-R22E	, S.L.B.&M.	
At proposed prod. zone Same						
14. Distance in miles and direction from nearest town or post office* 49.1 miles south of Vernal, Utah				12. County or Parish Uintah County	13. State UT	
15. Distance from proposed* 209' Lease line	16. No. of	acres in lease	17. Spacin	g Unit dedicated to this v	vell	
property or lease line, ft. (Also to nearest drig. unit line, if any)	1240 Suspend			nded		
18. Distance from proposed location*	19. Propose	d Depth	20. BLM/	/BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.	9590		NM2308	18		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approxi	mate date work will sta	rt*	23. Estimated duration		
4898' NAT GL		45 days		45 days		
	24. Atta	chments				
The following, completed in accordance with the requirements of Onshor	re Oil and Gas	Order No.1, must be a	ttached to th	is form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> </ol>		4. Bond to cover t Item 20 above).	he operatio	ns unless covered by an	existing bond on file	(see
3. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).	Lands, the	Operator certific     Such other site     BLM.		ormation and/or plans as	may be required by the	ne ——
25. Signature Name (Printed/Typed) Mary A. Maestas		Date 09/06/2007				
Title Regulatory Assistant						
Approved by (Signature)		(Printed/Typed)			Date	
My Tourse		ELLY HOURTA			7-29-2008	
Title Assistant Field Manager	Office	VERNAL I	FIELD (	OFFICE		
Lands & Mineral Resources	1					

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)



## MOTICE OF APPROVAL

RECEIVED AUG 0 4 2008

DIV. OF OIL, GAS & MINING

07PP2571A NOS: 8/1/07



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: EOG Resources, Inc. Location: SWNW, Sec. 22, T9S, R22E

Well No: Chapita Wells Unit 1345-22 Lease No: UTU-0284-A
API No: 43-047-39622 Agreement: Chapita Wells Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545
		Fov. (435) 781-3420	

Fax: (435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 7 Well: CWU 1345-22

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### **SITE SPECIFIC COAs:**

- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative will be required if construction or other operations occur during wet conditions that will lead to excessive rutting.
- Permission to clear all wildlife stipulations will only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.

COAs: Page 3 of 7 Well: CWIJ 1345-22

## DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

### SITE SPECIFIC DOWNHOLE COAs:

- The conductor pipe shall be set and cemented in a competent formation.
- The top of the production casing cement shall extend a minimum of 200 feet above the surface casing shoe.
- A 75 foot long blooie line is approved. All other equipment for air/gas drilling shall meet specifications in Onshore Order #2, III.Requirements, E. Special Drilling Operations.
- Logging program: Gamma Ray shall be run from TD to surface.
- At the 9 5/8" casing shoe, a casing shoe formation integrity test shall be performed after drilling 20 feet or less, past the casing shoe.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

COAs: Page 4 of 7 Well: CWU 1345-22

Cement baskets shall not be run on surface casing.

• The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 5 of 7 Well: CWU 1345-22

### **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - O Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will
  be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be
  reported verbally within 24 hours, followed by a written report within 15 days. "Other than
  Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on
  the Monthly Report of Operations and Production.

COAs: Page 6 of 7 Well: CWU 1345-22

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of
  a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval
  may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 7 of 7 Well: CWU 1345-22

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

### STATE OF UTAH

	DEPARTMENT OF NATURAL RESOU	IRCES		1 011W 3
	DIVISION OF OIL, GAS AND M			5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0284A
SUNDRY	Y NOTICES AND REPORT	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal	new wells, significantly deepen existing wells below cu laterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole dept form for such proposa	th, reenter plugged wells, or to	7. UNIT or CA AGREEMENT NAME: Chapita Wells Unit
TYPE OF WELL     OIL WELL				8. WELL NAME and NUMBER: Chapita Wells Unit 1345-22
2. NAME OF OPERATOR:				9. API NUMBER:
EOG Resources, Inc.				43-047-39622
ADDRESS OF OPERATOR:     1060 East Highway 40	y Vernal STATE UT ZIF	84078	PHONE NUMBER: (435) 781-9111	10. FIELD AND POOL, OR WILDCAT: Natural Buttes
4. LOCATION OF WELL	STATE ZIF		(,,,,,,,,,	
FOOTAGES AT SURFACE: 2297'	FNL & 209' FWL 40.022431 LA	Γ 109.434764	4 LON	соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAN	NGE, MERIDIAN: SWNW 22 9S 2	22E S		STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICAT	TE NATURE (	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION			YPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONS	TRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND A	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)	WATER SHUT-OFF
Date of work completion.	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	✓ OTHER: APD Extension
	CONVERT WELL TYPE	RECOMPLET	TE - DIFFERENT FORMATION	
EOG Resources, Inc. requ	Út	proved by ah Divisior Gas and M	the n of	
NAME (PLEASE PRINT) Kaylene F	R. Gardner	TITLE	8/20/2008	nistrator
SIGNATURE COLLEGE	UNIX	DATE	:	

(This space for State use only)

(5/2000)

COPY SENT TO OPERATOR

Date: 9:10:2008

Initials: K5

(See Instructions on Reverse Side)

RECEIVED SEP 08 2008

DIV. OF OIL, GAS & MINING



43-047-39622

API:

### **Application for Permit to Drill Request for Permit Extension Validation**

(this form should accompany the Sundry Notice requesting permit extension)

	Well Name: Chapita Wells Unit 1345-22 Location: 2297 FNL - 209 FWL (SWN Company Permit Issued to: EOG R Date Original Permit Issued: 9/17/200	W), SECTION 22, T9S, R22E S.L.B ESOURCES, INC.	.&M
	The undersigned as owner with legal above, hereby verifies that the information approved application to drill, remains	ation as submitted in the prev	iously
	Following is a checklist of some items verified.	related to the application, wh	ich should be
	If located on private land, has the own agreement been updated? Yes ☐ No ☐	•	surface
	Have any wells been drilled in the vicin the spacing or siting requirements for		h would affect
	Has there been any unit or other agree permitting or operation of this propose		affect the
	Have there been any changes to the a of-way, which could affect the propose	•	ship, or right-
	Has the approved source of water for	drilling changed? Yes□No⊠	I
	Have there been any physical change which will require a change in plans freevaluation? Yes□No☑		
	Is bonding still in place, which covers	this proposed well? Yes⊠No	
7	Signature and	8/29/2008 Date	
	Title: Regulatory Administrator		
	Representing: EOG Resources, Inc.		
		F	RECEIVED

### DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Cor	npany:	EOC	G RESO	<u>URCS I</u>	NC		
Well Name	•	CW	/U 1345-	22			
Api No <u>:</u>	43-047-3	9622		Leas	ве Туре:_	FEDER	<b>A</b> L
Section 22	Townshi	p <b>09S</b>	_Range_	22E	Count	y UIN	ГАН
Drilling Cor	ntractor	CRAIG'S	ROUST	<u>ABOUT</u>	SERV	_RIG #_	RATHOLE
SPUDDE	D:						
	Date	01/06/	2009				
	Time	1:00	PM	<u>.</u>			
	How	DRY					
Drilling wi	II Comme	nce:		. ·			
Reported by		J	ERRY B	<u>ARNES</u>			
Telephone#		(	435) 828	-1720			-
Date	01/06/2009	Sig	gned	CHD			

Form 3160-5 (August 2007)

### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-013
Expires: July 31, 201

SUNDRY NO	OTICES AND REPORTS ON WELLS
Do not use this:	form for proposals to drill or to re-enter an
	Hen form 3160-3 (APD) for such proposals

5. Lease Serial No. UTU0284A

abandoned wel	II. Use form 3160-3 (APD) for s	such proposals.		b. If Indian, Allottee of	ribe name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS		
1. Type of Well ☐ Oil Well ☑ Gas Well ☐ Other				8. Well Name and No. CHAPITA WELLS UNIT 1345-22		
2. Name of Operator Contact: MICKENZIE THACKER EOG RESOURCES, INC. E-Mail: MICKENZIE_THACKER@EOGRESOURCES.COM				9. API Well No. 43-047-39622		
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		none No. (include area code) 435-781-9145		10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish, a	nd State	
Sec 22 T9S R22E SWNW 2297FNL 209FWL UINTAH COUNTY, 40.02243 N Lat, 109.43476 W Lon					ΓY, UT	
12. CHECK APPE	ROPRIATE BOX(ES) TO INDI	CATE NATURE OF N	NOTICE, RE	EPORT, OR OTHER	R DATA	
TYPE OF SUBMISSION TYPE OF ACTION						
Notice of Intent ☐ Acidize ☐ Dee		□ Deepen	epen		■ Water Shut-Off	
<del>_</del>	☐ Alter Casing ☐ Fract		cture Treat		■ Well Integrity	
☐ Subsequent Report	☐ Casing Repair	■ New Construction	☐ Recomp	lete		
☐ Final Abandonment Notice				arily Abandon	ce	
	☐ Convert to Injection	□ Plug Back	■ Water D	Disposal		
determined that the site is ready for fi	inal inspection.) fully requests authorization for a	r drilling operations, se	e attached.	COPY SENT TO O		
14. I hereby certify that the foregoing is	Electronic Submission #65957	verified by the BLM Well RCES, INC., sent to the	Information Vernal	System		
Name (Printed/Typed) MICKENZ	IE THACKER	Title OPERA	TIONS CLE	RK		
Signature Machelet Signature	Jubmisti Macle ")	Date 12/31/20	008	wa : · · · · · · · · · · · · · · · · · ·		
	THIS SPACE FOR FE	DERAL OR STATE	OFFICE U	SE		
Approved By	w	Title Pet-	= 19 ,		val Of This eccessary	
Conditions of approval, if any, are attache certify that the applicant holds legal or equivihich would entitle the applicant to condu	uitable title to those rights in the subject		ion	Federal Appro Action Is No	val Of This ecessary	
Title 18 U.S.C. Section 1001 and Title 43 States any false fictitious or fraudulent			willfully to ma	nke to any department or	agency of the United	

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

### **Air Drilling Operations:**

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 3. Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- 6. EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

### **VARIANCE REQUESTS:**

### Reference: Onshore Oil and Gas Order No. 1 Onshore Oil and Gas Order No. 2 – Section E: Special Drilling Operations

- 1. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- 2. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- 3. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- 4. EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- 5. EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

### STATE OF UTAH

### DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

### **ENTITY ACTION FORM**

Operator:

**EOG RESOURCES** 

Operator Account Number: N 9550

1060 East Highway 40

Address:

city VERNAL

state UT

zip 84078

Phone Number: (435) 781-9145

181-11-4

API Number	Well	Well Name QQ Sec Twp Rng C			QQ Sec Twp		
43-047-39677	CHAPITA WELLS UN	/ELLS UNIT 1353-23		TA WELLS UNIT 1353-23 NESW 23 9S		22E UINTA	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
KB	99999	13650		1/2/2009	)	1	115/09

Wall 2

API Number	Well	Name	QQ Sec Twp			Rng County		
43-047-39978	CHAPITA WELLS UNIT 1392-33		92-33 NWNW 33 9S		CHAPITA WELLS UNIT 1392-33 NWNW	23E UINTAH		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date			
#B	99999	13650	1	/6/2009	9	1,	15/09	

Well 3

43-047-39622 C	CHAPITA WELLS UN	IT 1015 00	1 1				
	STATE THAT THE CEC OIL	IT 1345-22 SWNW 22 9S			22E UINTAH		
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
KB.	99999	13650	1	1/6/2009	)	1/	15/19

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

Mickenzie Thacker

Name (Please Print)

Operations Clerk

Title

Date

1/8/2009

(5/2000)

JAN 08 2009

Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORN	1 AP	PROV	<b>VED</b>
OMB :	NO.	1004-	013
Expire	s: Inl	v 31	201

SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.					5. Lease Serial No. UTU0284A  6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS		
I. Type of Well ☐ Oil Well ☑ Gas Well ☐ Oth	er				8. Well Name and No. CHAPITA WELLS UNIT 1345-22		
2. Name of Operator EOG RESOURCES, INC.		MICKENZIE THE_THACKER@E	ACKER OGRESOURC	ES.COM	9. API Well No. 43-047-39622		
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		3b. Phone No. (i Ph: 435-781-		2)	10. Field and Pool, or NATURAL BUT		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description	)			11. County or Parish, a	and State	
Sec 22 T9S R22E SWNW 2297FNL 209FWL 40.02243 N Lat, 109.43476 W Lon					UINTAH COUN	TY, UT	
12. СНЕСК АРРГ	ROPRIATE BOX(ES) TO	) INDICATE N	IATURE OF	NOTICE, RI	EPORT, OR OTHER	R DATA	
TYPE OF SUBMISSION TYPE OF ACTION							
	☐ Acidize	☐ Deepe	n	☐ Product	ion (Start/Resume)	☐ Water Shut-Off	
☐ Notice of Intent	☐ Alter Casing	☐ Fractu	cture Treat 🔲 Reclama		ation	■ Well Integrity	
🗷 Subsequent Report	□ Casing Repair	☐ New C	Construction	☐ Recomp	olete	Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug a	nd Abandon	☐ Tempor	arily Abandon	Well Spud	
	☐ Convert to Injection	🗖 Plug B	łack	☐ Water I	Disposal		
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi  The referenced well was spud	k will be performed or provide operations. If the operation re andonment Notices shall be fil nal inspection.)  on 1/6/2009.	the Bond No. on fi sults in a multiple of	ile with BLM/BL completion or rec	A. Required sub completion in a	bsequent reports shall be new interval, a Form 316	filed within 30 days 0-4 shall be filed once	
14. I hereby certify that the foregoing is	Electronic Submission #	#66160 verified b RESOURCES, IN	y the BLM We C., sent to the	II Information Vernal	System		
Name (Printed/Typed) MICKENZ	IE THACKER		Title OPER	ATIONS CLE	RK		
Signature Wickelinovice	ubmistidn mll · )		Date 01/08/2		· · · · · · · · · · · · · · · · · · ·		
	THIS SPACE-FO	OR FEDERAL	OR STATE	OFFICE U	SE		
Approved By		[	Title			Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the conductions of the conduc	nitable title to those rights in the oct operations thereon.	e subject lease	Office				
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any pers	on knowingly an	d willfully to m	ake to any department or	agency of the United	

Form 3160-5	
ust 2007	)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. Lease Serial No.
 UTU0284A
 If Indian, Allottee or Tribe Name

<u>, 2</u>	•	,	•			
SUBMIT IN TRI		7. If Unit or CA/Agree CHAPITA WELL	ment, Name and/or No. S			
Type of Well     Oil Well	8. Well Name and No. CHAPITA WELLS	UNIT 1345-22				
2. Name of Operator EOG RESOURCES, INC.		9. API Well No. 43-047-39622				
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	00N	3b. Phone No. Ph: 303-8	o. (include area code) 24-5526		10. Field and Pool, or I NATURAL BUTT	
4. Location of Well (Footage, Sec., T.	., R., M., or Survey Description	ı)			11. County or Parish, a	nd State
Sec 22 T9S R22E SWNW 229 40.02243 N Lat, 109.43476 W					UINTAH COUNT	Y, UT
12. СНЕСК АРРІ	ROPRIATE BOX(ES) TO	O INDICATI	E NATURE OF N	NOTICE, R	EPORT, OR OTHER	DATA
TYPE OF SUBMISSION			ТҮРЕ ОГ	ACTION		
☐ Notice of Intent	☐ Acidize	☐ Dec	-		ion (Start/Resume)	☐ Water Shut-Off
<b>=</b> 0.1	☐ Alter Casing	☐ Fra	cture Treat	☐ Reclam	ation	☐ Well Integrity
Subsequent Report	Casing Repair	☐ Ne	w Construction	□ Recomp	olete	☑ Other Production Start-up
☐ Final Abandonment Notice	☐ Change Plans	Plu Plu	g and Abandon	☐ Tempor	arily Abandon	Production Start-up
	☐ Convert to Injection	Plu Plu	g Back	■ Water I	Disposal	
Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi The referenced well was turne report for drilling and completion.	operations. If the operation re andonment Notices shall be fil nal inspection.)  d to sales on 3/28/2009. on operations performed	sults in a multip led only after all Please see t	le completion or reco requirements, including the attached opera	mpletion in a r ing reclamation	new interval, a Form 3160 n, have been completed, a	-4 shall be filed once
, , , ,	Electronic Submission # For EOG F	#68498 verifie RESOURCES,	INČ., sent to the '	Vernal	-	
Name (Printed/Typed) MARY A. I	MAESTAS		Title REGUL	ATORY AS	SISTANT	
Signature MElegtronic S	Homission (Maria	-	Date 03/30/20	009		
	THIS SPACE FO	OR FEDERA	AL OR STATE	OFFICE U	SE	
4 10			m'st			Data
Approved By			Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduction.	itable title to those rights in the		Office			<u> </u>
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s				willfully to ma	ike to any department or a	gency of the United

### WELL CHRONOLOGY **REPORT**

Report Generated On: 03-30-2009

Well Name	CWU 1345-22	Well Type	DEVG	Division	DENVER
Field	CHAPITA DEEP	API#	43-047-39622	Well Class	COMP
County, State	UINTAH, UT	Spud Date	02-17-2009	Class Date	
Tax Credit	N-	TVD / MD	9,590/ 9,590	Property #	061881
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	8,255/ 8,255
KB / GL Elev	4,914/ 4,897				
Location	Section 22, T9S, R22E,	SWNW, 2297 FNL & 20	9 FWL		

Event No	1.0	De	escription	DRILL & COMPLE	TE		
Operator	EOG RESOUR	CES, INC W	1 %	55.6055	NRI %	47.59	694
AFE No	304858	A	FE Total	1,639,400	DHC / C	WC 72	6,500/ 912,900
Rig Contr	TRUE	Rig Name	TRUE #9	Start Date	09-11-2007	Release Date	03-02-2009
09-11-2007	Reported By	SHAF	RON CAUDILL				
DailyCosts: Dr	illing \$0		Completion	on \$0	Daily	Total \$0	
Cum Costs: Dr	illing \$0		Completion	on \$0	Well	Total \$0	
MD	0 <b>TVD</b>	0 <b>P</b>	rogress 0	Days	0: <b>MW</b>	0.0 Vi	sc 0.0
Formation:		<b>PBTD</b> : 0.0		Perf:		PKR Depth:	0.0

Activity at Report Time: LOCATION DATA

Start End Hrs **Activity Description** 06:00

06:00 24.0 LOCATION DATA

2297' FNL & 209' FWL (SW/NW)

**SECTION 22, T9S, R22E** UINTAH COUNTY, UTAH

LAT 40.022431, LONG 109.434764 (NAD 83) LAT 40.022467, LONG 109.434081 (NAD 27)

TRUE #9

OBJECTIVE: 9590' TD, MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROSPECT

DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: UTU-0284-A

ELEVATION: 4897.7' NAT GL, 4896.5' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4897') 4914' KB (17')

EOG WI 55.6055%, NRI 47.59694%

12-23-2008 Reported By TERRY CSERE

DailyCosts: Drilling	\$81,700		ompletion	\$0		Daily	y Total	\$81,700	
Cum Costs: Drilling	\$81,700	Co	ompletion	\$0		Well	Total	\$81,700	
<b>MD</b> 0	TVD	0 Progress	0	Days	.0	MW	0.0	Visc	0.0
Formation :	PB	<b>STD:</b> 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LOC	ATION							
Start End	Hrs Activit	y Description							
06:00 06:00	24.0 LOCAT	ION STARTED.							
12-24-2008 Re	eported By	TERRY CSERE	B						
DailyCosts: Drilling	\$0	Co	ompletion	\$0		Daily	y Total	\$0	
Cum Costs: Drilling	\$81,700	Co	ompletion	\$0		Well	Total	\$81,700	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	PB	<b>STD:</b> 0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LOC	ATION							
Start End	Hrs Activit	y Description							
06:00 06:00	24.0 LOCAT	TON 10% COMPLET	E.					· .	
12-29-2008 Re	eported By	TERRY CSERE			<u></u>				
DailyCosts: Drilling	\$0	Co	mpletion	\$0		Daily	y Total	\$0	-
Cum Costs: Drilling	\$81,700	Co	mpletion	\$0		Well	Total	\$81,700	
<b>MD</b> 0	TVD	0 Progress	0	Days	0	MW	0.0	Visc	0.0
		•		•					
Formation :	PB	<b>TD:</b> 0.0		Perf:			PKR De	pth : 0.0	
				Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LOCA	ATION		Perf:			PKR De	pth : 0.0	
Activity at Report Ti	me: BUILD LOCA		E.	Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Till Start End 06:00 06:00	me: BUILD LOCA	ATION y Description		Perf:			PKR De	pth: 0.0	
Activity at Report Tit  Start End  06:00 06:00  12-30-2008 Re	me: BUILD LOCA  Hrs Activit  24.0 LOCAT	ATION  y Description  ION 25% COMPLET  TERRY CSERE		Perf:		Daily	PKR De	<b>pth:</b> 0.0	
Activity at Report Til Start End 06:00 06:00 12–30–2008 Re DailyCosts: Drilling	me: BUILD LOCA  Hrs Activit  24.0 LOCAT  sported By	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co	;			•			
06:00 06:00	me: BUILD LOCAT  Hrs Activit  24.0 LOCAT  eported By  \$0	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co	ompletion	\$0	0	•	y Total	\$0	0.0
Activity at Report Til Start End 06:00 06:00 12-30-2008 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activit 24.0 LOCAT  eported By \$0 \$81,700	ATION  Ty Description  ON 25% COMPLET  TERRY CSERE  Co  Co	ompletion ompletion	\$0 \$0	0	Well	y Total Total	\$0 \$81,700 <b>Visc</b>	0.0
Activity at Report Tile  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD	Y Description ION 25% COMPLET TERRY CSERE Co Co Progress TD: 0.0	ompletion ompletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$81,700 <b>Visc</b>	0.0
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCA	ATION  Ty Description  ION 25% COMPLET  TERRY CSERE  Co  Co  Progress  TD: 0.0  ATION	ompletion ompletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$81,700 <b>Visc</b>	0.0
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT  Activity	Y Description ION 25% COMPLET TERRY CSERE Co Co Progress TD: 0.0	ompletion ompletion 0	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$81,700 <b>Visc</b>	0.0
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin  Start End  06:00 06:00	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT  4.0 LOCAT	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  Co  O Progress  TD: 0.0  ATION  y Description	ompletion  O  O  E  E  E	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$81,700 <b>Visc</b>	0.0
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin  Start End  06:00 06:00  12-31-2008 Re	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT  4.0 LOCAT  ported By	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  O Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE	ompletion ompletion 0	\$0 \$0 Days Perf:	0	Well MW	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	0.0
Activity at Report Tin Start End 06:00 06:00  12-30-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  12-31-2008 Re DailyCosts: Drilling	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT 24.0 LOCAT  ported By \$0	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  0 Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE  Co	ompletion  0  E.	\$0 \$0 Days Perf:	0	Well MW Daily	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	0.0
Activity at Report Tin Start End 06:00 06:00  12-30-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  12-31-2008 Re DailyCosts: Drilling Cum Costs: Drilling	Hrs Activit 24.0 LOCAT  sported By \$0 \$81,700  TVD  PB me: BUILD LOCAT 24.0 LOCAT  sported By \$0 \$81,700  When the second is the second in the	ATION  Ty Description  ION 25% COMPLET  TERRY CSERE  Co  O Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE  Co  Co	ompletion 0  E.  ompletion ompletion	\$0 \$0 Days Perf:		Well MW  Daily Well	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin  Start End  06:00 06:00  12-31-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling	re: BUILD LOCAT  Hrs Activit  24.0 LOCAT  sported By  \$0 \$81,700  TVD  PB  re: BUILD LOCAT  24.0 LOCAT  ported By  \$0 \$81,700  TVD  TVD  Resident Suitable S	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  0 Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE  Co  Co  0 Progress	ompletion  0  E.	\$0 \$0 Days Perf:	0	Well MW Daily	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin  Start End  06:00 06:00  12-31-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB PB PB PB PB PB PB PB	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  O Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE  Co  O Progress  TD: 0.0	ompletion 0  E.  ompletion ompletion	\$0 \$0 Days Perf:		Well MW  Daily Well	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	0.0
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin  Start End  06:00 06:00  12-31-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  Cum Costs: Drilling  Formation:  Activity at Report Tin  Activity at Report Tin  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT  24.0 LOCAT  ported By \$0 \$81,700  TVD  PB BB,700  TVD  PB BB,700  TVD  PB TVD	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  0 Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE  Co  Co  0 Progress  TD: 0.0  ATION  ATION  TERRY CSERE  Co  Co  ATION  ATION	ompletion 0  E.  ompletion ompletion	\$0 \$0 Days Perf:		Well MW  Daily Well	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	
Activity at Report Tin  Start End  06:00 06:00  12-30-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling  MD 0  Formation:  Activity at Report Tin  Start End  06:00 06:00  12-31-2008 Re  DailyCosts: Drilling  Cum Costs: Drilling	Hrs Activit 24.0 LOCAT  ported By \$0 \$81,700  TVD  PB me: BUILD LOCAT  24.0 LOCAT  ported By \$0 \$81,700  TVD  PB BB,700  TVD  PB BB,700  TVD  PB TVD	ATION  y Description  ION 25% COMPLET  TERRY CSERE  Co  0 Progress  TD: 0.0  ATION  y Description  ION 30% COMPLET  TERRY CSERE  Co  0 Progress  TD: 0.0  ATION  y Description  y Description  y Description  TERRY CSERE  Co  0 Progress  TD: 0.0  ATION  y Description	ompletion 0  E.  ompletion ompletion	\$0 \$0 Days Perf:		Well MW  Daily Well	y Total Total 0.0 PKR De	\$0 \$81,700 <b>Visc</b> <b>pth</b> : 0.0	

DailyCosts: Drilling	\$0	Completion	\$0		Daily To	tal	\$0	
Cum Costs: Drilling	\$81,700	Completion	\$0		Well Tot	al	\$81,700	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:	0.0	Perf:		F	KR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LOCATIO	N						
Start End	Hrs Activity De	scription						
06:00 06:00	24.0 DRILLING R	OCK.						,
01-05-2009 Re	ported By	TERRY CSERE						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	tal	\$0	
Cum Costs: Drilling	\$81,700	Completion	\$0		Well Tot	al	\$81,700	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:	0.0	Perf:		F	KR De	<b>pth:</b> 0.0	
Activity at Report Ti	ne: BUILD LOCATION	1						
Start End	Hrs Activity Des	scription						
06:00 06:00	24.0 SHOOT TOD	AY.			<u> </u>			
01-06-2009 Re	ported By	NATALIE BRAYTON						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	tal	\$0	
Cum Costs: Drilling	\$81,700	Completion	\$0		Well Tot	al	\$81,700	
<b>MD</b> 0	<b>TVD</b> 0	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:	0.0	Perf:		P	KR De	<b>pth:</b> 0.0	
Activity at Report Ti	ne: BUILD LOCATION	1						
Start End	Hrs Activity Des	scription						
06:00 06:00	24.0 PUSHING O	N PIT.						
1-07-2009 Re	ported By	ERRY BARNES						
DailyCosts: Drilling	\$0	Completion	\$0		Daily To	tal	\$0	
Cum Costs: Drilling	\$81,700	Completion	\$0		Well Tot	al	\$81,700	
MD 60	<b>TVD</b> 60	<b>Progress</b> 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:	0.0	Perf:		P	KR De	<b>pth:</b> 0.0	
Activity at Report Ti	ne: SPUD NOTIFICAT	ION						
Start End	Hrs Activity Des	scription						
06:00 06:00	CEMENT TO	USTABOUT SERVICE SPU SURFACE WITH READY I BE W/BLM OF THE SPUD I	MIX. JERRY E	BARNES NO	OTIFIED CAROI	L DANIE		
01-22-2009 Re	ported By	DANNY FARNSWORTH						
DailyCosts: Drilling	\$33,782	Completion	\$0		Daily To	tal	\$33,782	
Cum Costs: Drilling	\$115,482	Completion	\$0		Well Tota		\$115,482	
MD 267	<b>TVD</b> 267	Progress 0	Days	0	MW	0.0	Visc	0.0
Formation :	PBTD:		Perf :			KR De <sub>l</sub>	pth: 0.0	
							-	
Activity at Report Tir	ne: WORT							

06:00

06:00

WATER. RDMO CRAIGS RIG.

TRUE #9 WILL FINISH DRILLING 12 1/4" HOLE AND RUN 9 5/8" CASING.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

#### NO SURVEY AT THIS TIME.

02-16-20	009 R	eported I	Ву	CARLOS ARRII	ETA						
DailyCost	ts: Drilling	\$1	19,708	Con	pletion	\$0		Dail	y Total	\$19,708	
Cum Cos	ts: Drilling	\$1	135,190	Con	pletion	\$0		Well	Total	\$135,190	
MD	267	TVD	267	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: RUR	T								
Start	End	Hrs	Activity Des	cription							
06:00	18:00	12.0	RIG DOWN &	MOVE							
			RIG UP, RAIS	E DERRICK @	15:00 HRS	S.					
			4 WELDERS V	VORKING ON S	HALE SH	AKER MUD	TANK				
18:00	06:00	12.0	WAIT ON DAY	/LIGHT							
			FULL CREWS	& NO ACCIDE	NTS OR I	NCIDENTS R	EPORTED.				
			SAFETY MEE	TINGS: RIG DO	WN, MO	/E & RIG UP					
			FUEL ON HAI	ND 1700 GL.							
			MUD LOGGE	R 0 DAYS							
			BOILER 0 HO	URS.							

02-17-2009	R	eported By	•	CARLOS ARRIET	Ά						
DailyCosts: Drilling \$46,140		40	Completion \$0			Daily Total \$			\$46,140		
Cum Costs: I	rilling	\$181	,330	Com	pletion	\$0		Well 7	Total .	\$181,330	
MD	267	TVD	267	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Dej	oth: 0.0	
	4.750										

Activity 2	at Report T	ime: RUR	T/ RIG REPAIR
Start	End	Hrs	Activity Description
06:00	14:00	8.0	RIGGING UP
			6 WELDERS WORKING ON SHALE SHAKER MUD TANK
14:00	06:00	16.0	RIG REPAIR
			CHANGE SKID ON SHALE SHAKER MUD TANK
			WELDERS WORK FROM 07:00 AM TO 18:00 HRS. END THE JOB
			WAIT ON TRUCK TO SET MUD TANK, TRUCK WILL BE ON LOCATION 07:00 AM
			FULL CREWS & NO ACCIDENTS OR INCIDENTS REPORTED.
			SAFETY MEETINGS: RIG UP
			FUEL ON HAND 8700 GL.
			MUD LOGGER 0 DAYS
			BOILER 24 HOURS.

02-18-20	009 Re	eported I	By C.	ARLOS ARRI	ETA						
DailyCos	ts: Drilling	\$3	39,640	Cor	npletion	\$0		Dai	ly Total	\$39,640	
Cum Cos	ts: Drilling	\$2	220,970	Cor	npletion	\$0		Wel	l Total	\$220,970	
MD	1,550	TVD	1,550	Progress	1,283	Days	1	MW	9.1	Visc	31.0
Formatio	n:		<b>PBTD</b> : 0.0	)		Perf:		•	PKR De	oth: 0.0	
Activity a	t Report Ti	me: DRII	LLING @ 1550'								
Start	End	Hrs	Activity Descr	ription							
06:00	10:00	4.0	RIG REPAIR	-							
			TRUCK ON LO	CATION @ 07	7:00 AM.						
			RIG UP MUD T	ANK, FLOW I	LINE, FLA	RE LINE					
10:00	11:00	1.0	NIPPLE UP CO	NDUCTOR. R	IG ON DA	Y WORK @	0 10:00 AM, 0	2/17/09			
	40.00				- 0 4551						
11:00	13:00		PICK UP BHA		_	. ma					
13:00	14:00		FUNCTION TES	•		MPS.					
14:00	16:30		WORK ON SWI			BOD 10 1	er won co	74 DDM 104	0 CD 4 CG2 CD	3.6. 1505 DOL 3	arm wa
16:30	06:00	13.3	9.1 PPG, 31 VI		(1283') 95	KOP 10-1	5K WOB, 60/	74 KPM, 190	0 SPM, 672 GP	M, 1705 PS1 T	WOD W I
			FULL CREWS.	NO ACCIDEN	ITS OR INC	CIDENTS R	EPORTED.				
			SAFETY MEET	INGS: CONN	ECTIONS &	& DRUGS					
			FUEL 7500 GL.	ON HAND, 1	200 GALS	USED.					
			BOILER 24 HRS	S.							
			FORMATION TO	OPS: GREEN	RIVER@ 1	700'					
			MUD LOGGER,	. 1							
			CHECK COM W	// DRILLING							
06:00			SPUD A 12 1/4"	HOLE @ 16:3	0 HRS, 02/	17/2009.					
02-19-20	09 Re	ported E	By JES	SE TATMAN							
DailyCost	ts: Drilling	\$3	33,491	Con	npletion	\$0		Dail	y Total	\$33,491	
Cum Cost	ts: Drilling	\$2	254,462	Con	npletion	\$0		Wel	l Total	\$254,462	
MD	2,597	TVD	2,597	Progress	1,047	Days	2	MW	8.6	Visc	28.0
Formation	n:		<b>PBTD</b> : 0.0	)		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Tiı	ne: TOH									
Start	End	Hrs	Activity Descr	iption							
06:00	06:30		DRILL ROTATE PPG, 31 VIS.	1550' – 1595	' (45') 90 I	ROP 10-15	K WOB, 60/7	4 RPM, 190	SPM, 672 GPN	4, 1705 PSI M	UD WT 9.1
06:30	07:00	0.5	RUN WIRE LIN	E SURVEY @	1509' 1 D	EG					
07:00	00:45	17.75	DRILL ROTATE	1595' - 2597	', 10–15K	WOB, 60/74	RPM, 200 SI	PM, 672 GPN	M, 250-350 PS	I DIFF, 56 FPF	I.
			MUD WT 8.6 PI	PG, 28 VIS.							
00:45	01:45	1.0	CIRCULATE FO	R WIPER TRI	IP.						
			PUMP 100 BBL	SWEEP CON	TAINING 6	0 VIS MIX	ED WITH GE	L & LIME.			
01:45	04:45	3.0	WIPER TRIP, SH	IORT TRIP TO	250'.						
04:45	05:45	1.0	CIRCULATE FO	R RUNNING	CASING.						

PUMP 100 BBL SWEEP CONTAINING 60 VIS MIXED WITH GEL & LIME.

05:45 06:00 0.25 TRIP OUT TO RUN 9 5/8" CASING.

SAFETY MEETING ON MAKING CONNECTIONS & TRIPPING.

WEATHER IS CLEAR & TEMP IS 18 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 5900 GAL.

MUD WT 8.6 PPG & 28 VIS.

FORMATION SURFACE.

		BO	LER 24 H	OURS.							
02-20-200	19 Re	eported By	Л	ESSE TATMAN							
DailyCosts	Ü	\$162,1			pletion	\$0			y Total	\$162,122	
Cum Costs	s: Drilling	\$416,5		Com	pletion	\$0		Wel	l Total	\$416,585	
MD	2,597	TVD	2,597	Progress	0	Days	3	MW	8.6	Visc	28.0
Formation			<b>PBTD</b> : 0	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	me: TESTING	BOP								
Start	End	Hrs Act	ivity Desc	cription							
06:00	08:00	2.0 TRI	P OUT FOI	R 9 5/8" CASING	<b>}.</b>						
		PUN	IPED AWA	Y APP. 3000 BB	LS OF W	ATER WHILE	E DRILLING	SURFACE	& RUNNING	CASING.	
08:00	09:00			DRILL COLLAI	RS, SHOO	CK SUB & M	UD MOTOF	t.			
09:00	10:00		UP CASIN								
		HOI	LD SAFET	Y MEETING ON	RUNNIN	IG CASING.					
10:00 12:30	12:30 13:30	OF 0 FOI @ 1 1.0 TRY SET	CASING, 1 LOWS, ON 336', CON TO CIRC CASING I	L JOINTS OF 9 5 FLOAT COLLA N JOINT #1 20' A IFIRMED TD WI ULATE CASING HANGER IN MA EMBLY IN MAN	R SET @ BOVE SI TH JOIN DOWN I NDREL I	2499', 58 JO HOE & ON T Γ #60, TAGG TO 2587'. WA HANGER. LA	INTS OF CA OP OF JOIN ING AT 258 AS NOT ABI AYDOWN 1	ASING. RUN IT 2 & 3 THI 0'. LE TO CIRC JOINT OF 9	I 8 TOTAL CE EN EVERY 5T ULATE CASII I 5/8" CASINO	NTRALIZERS TH JOINT TO J NG DOWN EN	S AS JOINT #28 JOUGH TO
13:30	14:30			COLLAR ON L			·				
14:30	15:00			OR CEMENTING			EETING ON	CEMENTIN	īG.		
15:00	18:00	FOL GEL CAI CEN 5.2 C WAT WIT RAT FLO AS I	LOWS: PU	EMENT HEAD, IMPED 5 BBLS I FRESH WATER. 0% ECONOLITE BPM & 50 PSI. I H WATER. PUMP PED FIRST 160 E S AWAY TO 5 B M & 230 PSI. BI O. NO CIRCULAT : 21 BBLS, 100 S CFPS, 5.0 GPS F	FRESH W PUMPEI 3, .3% VE PUMPED PED CEM BBLS DIS PM & 22 JMPED F FION THO ACKS OI RESH W	ATER, PUMI  250 SACKS RSASET, 10. 300 SACKS ENT @ 5 BP PLACEMEN  DPSI, 10 BBI LUG @ 14:3 DUGHOUT J TYPE I HAI ATER, PUMP	PED 20 BBL (183 BBLS) 5 PPG, 4.1 C (63 BBLS) O M & 80 PSI T @ 6 BPM LS SHY OF 0 HOURS O OB. NO CE LCEM CEM	GEL WATE OF TYPE I OFFS, 26.88 OF TYPE I H DISPLACE & 140 PSI, I BUMPING I N 02/19/200 MENT TO S ENT CONT	ER SPACER CO II VARICEM ( GPS FRESH V IALCEM CEM D WITH TOTE SLOWED DIS PLUG, REDUC WITH 740 P URFACE. PUI AINING 2.0%	ONTAINING 4 CEMENT WIT VATER. PUMP MENT 15.6 PPC AL OF 193 BB PLACEMENT CED DISPLAC SI. CHECKED MPED TOP OL	SACKS H 2.0% ED 3, 1.18 CFPS, LS FRESH RATE EMENT FLOATS, JT CEMENT
18:00	22:00	4.0 NIP	PLE DOWN	N DIVERTER WI	HILE WA	TING ON CI	EMENT.				

22:00	22:30	0.5 PUMPED TOP OUT CEMENT #2 AS FOLLOWS: 21 BBLS, 100 SACKS OF TYPE I HALCEM CEMENT CONTAINING 2.0% CALCIUM CHLORIDE, 15.8 PPG, 1.15 CFPS, 5.0 GPS FRESH WATER, PUMPED TOP OUT @ 2.0 BPM & 131 PSI.
22:30	03:00	4.5 TESTING BOP WHILE WAITING ON CEMENT
03:00	03:30	0.5 PUMPED TOP OUT CEMENT #3 AS FOLLOWS: 23 BBLS, 110 SACKS OF TYPE I HALCEM CEMENT CONTAINING 2.0% CALCIUM CHLORIDE, 15.8 PPG, 1.15 CFPS, 5.0 GPS FRESH WATER, PUMPED TOP OUT @ 2.0 BPM & 131 PSI.
03:30	06:00	2.5 TESTING BOP WHILE WAITING ON CEMENT.
		PRESSURE TEST B.O.P. AS FOLLOWS: PIPE RAMS, BLIND RAMS, CHOKE, CHOKE LINE, KILL LINE, UPPER KELLY, LOWER KELLY, FLOOR VALVE & DART VALVE TO 250 PSI LOW & 5000 PSI HIGH. TESTED ANNULAR 250 PSI LOW & 2500 PSI HIGH.
		TEST CASING TO 1500 PSI FOR 30 MIN.
		SAFETY MEETING ON RUNNING CASING & CEMENTING.
		WEATHER IS CLEAR & TEMP IS 18 DEG.
		FULL CREWS & NO ACCIDENTS.
	•	COM OK.
		FUEL 5100 GAL.
		MUD WT 9.4 PPG & 33 VIS.
		FORMATION SURFACE.
		BOILER 24 HOURS.
		LOGGING UNIT ON LOCATION 1 DAY.

02-21-2009	Re	eported By	J	ESSE TATMAN							
DailyCosts:	Drilling	\$56,4	76	Con	npletion	\$0		Daily	Total	\$56,476	
Cum Costs:	Drilling	\$473,	061	Con	npletion	\$0		Well	<b>Fotal</b>	\$473,061	
MD	3,027	TVD	3,027	Progress	430	Days	4	MW	9.5	Visc	. 33.0
Formation:			PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	

Activity a	t Report Ti	me: DRII	LLING @ 3027'
Start	End	Hrs	Activity Description
06:00	07:30	1.5	WAIT ON CEMENT & PICK UP BHA.
07:30	08:00	0.5	PUMPED TOP OUT CEMENT #2 AS FOLLOWS: 17 BBLS, 85 SACKS OF TYPE I HALCEM CEMENT CONTAINING 2.0% CALCIUM CHLORIDE, 15.8 PPG, 1.15 CFPS, 5.0 GPS FRESH WATER, PUMPED TOP OUT @ $2.0$ BPM & $131$ PSI.
08:00	20:00	12.0	WAIT ON M&M SALES TO BRING PARTS FROM CASPER TO REPAIR HYDRAULIC LEAK ON BLIND RAM DOOR.
20:00	21:00	1.0	REPAIR HYDRAULIC LEAK ON BLIND RAM DOOR WITH M&M SALES.
21:00	21:30	0.5	PULL OUT OF HOLE 2 STANDS & FUNCTION TEST BLIND RAMS & CHECK FOR LEAKS.
21:30	23:00	1.5	TRIP IN HOLE WITH BIT #2.
23:00	23:30	0.5	INSTALL ROTATING HEAD RUBBER.
23:30	01:15	1.75	DRILL CEMENT, FLOAT & SHOE F/2495' - 2597'.
01:15	01:30	0.25	RUN FIT TEST @ 2607', WITH 9.4 PPG MUD & 225 PSI.
01:30	06:00	4.5	DRILL ROTATE 2597' – 3027', 10–16K WOB, 55/66 RPM, 125 SPM, 438 GPM, 100–200 PSI DIFF, 119 FPH.
			SAFETY MEETING ON PICKING UP BHA & TRIPPING.

WEATHER IS CLEAR & TEMP IS 17 DEG.

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 4100 GAL.

MUD WT 9.1 PPG & 33 VIS.

FORMATION MAHOGANY.

BOILER 24 HOURS.

02 22 22	100 5		3K 24 110 (	· · · · · · · · · · · · · · · · · ·							
02-22-20		eported By	JES	SE TATMAN		40				***	
•	ts: Drilling	\$32,123			npletion	\$0			y Total	\$32,123	
Cum Cos	ts: Drilling	\$505,184	ŀ	Con	npletion	\$0		Well	Total	\$505,184	
MD	4,720	TVD	4,720	Progress	1,693	Days	5	MW	9.1	Visc	32.0
Formatio	n:	P	BTD: 0.0	)		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: DRILLING	@ 4720'								
Start	End	Hrs Activ	ity Descr	iption							
06:00	09:00	3.0 DRILI	ROTATE	3027' - 3285'	, 10–16K	WOB, 55/70 I	RPM, 125 SP	M, 438 GPM	I, 100–200 PS	I DIFF, 86 FPH	
		MUD'	WT 9.3 PP	G & 33 VIS.							
09:00	09:30	0.5 SURV									
09:30	10:30				, 14–18K	WOB, 55/70 I	RPM, 125 SP	M, 438 GPM	I, 100–200 PS	I DIFF, 126 FPI	ł.
				G & 33 VIS.					•		
10:30	11:00	0.5 SERVI			14 1077		. D. 4 10.5 GD	1. 400 CD)		1 D 100 51 CD11	
11:00	23:30				, 14–18K v	WOB, 55/70 I	RPM, 125 SP	M, 438 GPM	i, 100–200 PS	I DIFF, 71 FPH	
23:30	00:00			G & 33 VIS. 1' = 1.75 DEG							
00:00	06:00		-			NOR 55/70 I	DM 125 SD	M 439 CDM	100_200 PS	I DIFF, 71 FPH	
		FULL COM ( FUEL	CREWS & OK. 2500 GAL	LEAR & TEM		3G.					
		FORM	ATION M	AHOGANY.							
		BOILE	R 24 HOL	ЛRS.					·		
02-23-20	09 Re	ported By	JES	SE TATMAN							
DailyCost	ts: Drilling	\$32,739		Con	pletion	\$0		Daily	y Total	\$32,739	
Cum Cos	ts: Drilling	\$537,924		Con	pletion	\$0		Well	Total	\$537,924	
MD.	5,925	TVD	5,925	Progress	1,205	Days	6	MW	10.0	Visc	34.0
Formatio	n:	PJ	BTD: 0.0			Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: DRILLING	@ 5925'								
Start	End	Hrs Activi	ty Descri	ption							
06:00	13:00		•	•	, 14–18K V	VOB, 55/70 F	чм, 125 spi	M, 438 GPM	, 100–200 PS	I DIFF, 46 FPH.	
		MUD V	WT 10.0 PI	PG & 34 VIS.							
13:00	13:30	0.5 SERVI	CE RIG.								

13:30 03:00 13.5 DRILL ROTATE 5045' - 5821', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-200 PSI DIFF, 57 FPH. MUD WT 10.1 PPG & 34 VIS.  03:40 08:45 0.75 DOST FULL RECTRENCE MILL STRING WHILE MIXING & PLUMFING SWEEP. RECEAL PILLER RECTRENCEATE DRILL STRING WHILE MIXING & PLUMFING SWEEP. RECEAL PILLER RECTRENCEATE DRILL STRING WHILE MIXING & PLUMFING SWEEP. RECEAL PILLER RECTRENCEATE DRILL STRING WHILE MIXING & PLUMFING SWEEP. RECEAL PILLER RECTRENCEATE DRILL STRING WHILE MIXING & PLUMFING SWEEP. RECEAL PILLER SWEEP CONTAINING 15% LOW WHILE MIXING & PLUMFING SWEEP. RECEAL PILLER SWEEP CONTAINING 15% LOW DEVELOPE. SAFETY MEETING ON TEAM WORK & MIXING MUD. LOST TOTAL OF 20 BBLS MUD.  WEATHER IS CLEAR & TEMP IS 36 DBC. FULL CREWS & NO ACCIDENTS. COM OK. FULL SR80 GAL. MUD WT 10.1 PPG & 35 VIS. FORMATION CHAPTA WELLS. BOULER 24 HOURS.  Daily Costs: Drilling S&21,715 Completion 50 Daily Total \$83,791  Cum Costs: Drilling \$82,791 Completion 50 Well Total \$83,791  MD 6,890 Progress 965 Days 7 MW 10.2 Visc 35.0  FORTMALINE SWEEP. SWEET SWEE												
03-00   03-45   07-5   1.05T FULL RETURNS, MIX & PLAME OR BIGLS LOCK SWEEP CONTAINING 15% LCM WITH FIBER SEAL, FIBER PLUG & POLY SWILL RECUPROCATE DRILL STRING WHILE MIXING & PUMPING SWEEP.  REGAIN PULL RETURNS.    03-45   06-00   2.2.5   DRILL ROTATE SEXI* - 902*, 14+18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-200 PSI DIFF, 46 FPH.	13:30	03:00	13.5 DR	ILL ROTATI	E 5045' – 5821'	, 14–18K V	WOB, 55/70 F	RPM, 125 SP	M, 438 GPM	I, 100–200 PS	I DIFF, 57 FPH	•
Part			MU	D WT 10.1	PPG & 34 VIS.							
03:45 06:00 2.25 DRILL ROTATE S821' - 5925', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-200 PSI DIFF, 46 FPH.  SAFETY MEETING ON TEAM WORK & MIXING MUD. LOST TOTAL OF 220 BBLS MUD.  WEATHER IS CLEAR & TEMP IS 36 DEG. FULL, CREWS & NO ACCIDENTS. COM OK. FUEL. \$800 GAL. MUD WT 10.1 PPG & 35 VIS. BOILER 24 HOURS.  D2-24-2009 Reported By JESSE TATMAN  Daily Costs: Drilling \$83,791 Completion \$0 Daily Total \$83,791 Completion \$0 Well Total \$83,791 Completion \$0 PKR Depth : 0.0  Activity at Report Time: PBTL: DN @ 6,890 Progress 965 Days 7 MW 10.2 Vise 35.0  Formation: PBTD: 0.0 Perf : PKR Depth : 0.0  Activity at Report Time: DRILLING @ 6890*  SERVICE RIG. 11:00 11:00 5.0 DIKILE ROTATE \$923' −6143', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 44 FPH. MUD WT 10.1 PPG & 33 VIS.  11:00 11:30 0.05 SERVICE RIG. 11:30 0.05 SERVICE RIG. 11:30 NO.00 18:5 DRILL ROTATE 6143' − 6890', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 40 FPH.  SAFETY MEETING ON PULLING SLIPS & MAKING CONNECTION. WEATHER IS CLEAR & TEMP IS 29 DEG. FULL CREWS & NO ACCIDENTS. COM OK. FUEL 7000 GAL. MUD WT 10.8 PPG & 35 VIS. PGMARICON NORTH HORN. BOILER 24 HOURS.  DailyCosts: Drilling S29,248  Completion \$0 Well Total \$69.963  MD \$7,555 PTD 7,555 Progress 665 Days & MW 11.2 Vise 36.0  Composite PBTL: DNC © 7555' Progress 665 Days & MW 11.2 Vise 36.0  FORMATION NORTH HORN. BOILER 24 HOURS.	03:00	03:45										AL, FIBER
SAPETY MEETING ON TEAM WORK & MIXING MUD. LOST TOTAL OF 220 BBLS MUD.			RE	GAIN FULL	RETURNS.							
WEATHER   S CLEAR & TEMP   S 3 DEC.   FULL CREWS & NO ACCIDENTS.   COM OK.   FUEL S800 GAL   MUD WT 10.1 PPG & 35 VIS.   FORMATION CHAPITA WELLS.   BOILER 24 HOURS.   FUEL S800 GAL   MUD WT 10.2 PPG & 35 VIS.   FORMATION CHAPITA WELLS.   BOILER 24 HOURS.   POST   PO	03:45	06:00	2.25 DR	ILL ROTATI	E 5821' – 5925'	, 14–18K V	WOB, 55/70 F	RPM, 125 SP	M, 438 GPM	I, 100–200 PS	I DIFF, 46 FPH	
FULL CREWS & NO ACCIDENTS			SA	FETY MEET	TING ON TEAM	M WORK &	& MIXING M	IUD. LOST	TOTAL OF 2	20 BBLS MU	D.	
FULL CREWS & NO ACCIDENTS   FULL CREWS & NO ACCIDENTS   FULL CREWS & NO ACCIDENTS   FULL SS00 GAL   FULL SS0			WF	ATHER IS (	CLEAR & TEM	IP IS 36 DE	EG.					
COM OK.   FUEL 8806 GAL   FU												
MID WT 10.1 PPG & 35 VIS.   FORMATION CHAPITA WELLS.   BOILER 24 HOURS.   BOILER 25 STORPH.   125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPM.   BOILER 24 HOURS.   BOILER 25 SPM.   BOILER 24 HOURS.   BOILER												
Port				-	L.							
Part												
Daily Costs: Drilling   \$83,791   Completion   \$0   Daily Total   \$83,791			FO	RMATION (	CHAPITA WEL	LS.						
Daily Total   \$83,791   Completion   \$0   Well Total   \$83,791   Completion   \$0   Well Total   \$83,791   Com Costs: Drilling   \$621,715   Completion   \$0   Well Total   \$621,715   Span   \$			во	ILER 24 HO	URS.							
Completion   So   Netl   Total   So   So   So   So   So   So   So   S	02-24-20	109 Re	eported By	JE	SSE TATMAN							
Completion   Solution   Soluti	DailyCost	ts: Drilling	\$83,7	91	Con	npletion	\$0		Dail	y Total	\$83,791	
Mode   10,80   10   10,80   10   10,80   10   10,80   10   10   10,80   10,20   10,80   10,20   10,80   10,	•					_	\$0				\$621,715	
Formation   For		_				_	Dave	7				35.0
Start   End   Hrs   Activity Description		•	1 V D		Ü	703	•	,	141 44			33.0
Start   End			DDH I D		.0		reri:			rkk De	ptit : 0.0	
11:00	Activity a	t Report III		~								
10.1 PPG & 35 VIS.  11:30	Start	End	Hrs Ac	livity Desci	ription							
11:30 06:00 18.5 DRILL ROTATE 6143' – 6890', 14–18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100–250 PSI DIFF, 40 FPH.  SAFETY MEETING ON PULLING SLIPS & MAKING CONNECTION.  WEATHER IS CLEAR & TEMP IS 29 DEG.  FULL CREWS & NO ACCIDENTS.  COM OK.  FUEL 7000 GAL.  MUD WT 10.8 PPG & 35 VIS.  FORMATION NORTH HORN.  BOILER 24 HOURS.  Daily Costs: Drilling \$29,248 Completion \$0 Daily Total \$29,248  Cum Costs: Drilling \$650,963 Completion \$0 Well Total \$650,963  MD 7,555 TVD 7,555 Progress 665 Days 8 MW 11.2 Visc 36.0  Formation:  PBTD: 0.0 Perf: PKR Depth: 0.0  Activity at Report Time: DRILLING @ 7555'  Start End Hrs Activity Description  06:00 10:30 4.5 DRILL ROTATE 6890' – 7025', 14–18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100–250 PSI DIFF, 30 FPH.	06:00	11:00				, 14–18K V	VOB, 55/70 R	RPM, 125 SP	M, 438 GPM	I, 100–250 PS	I DIFF, 44 FPH.	MUD WT
SAFETY MEETING ON PULLING SLIPS & MAKING CONNECTION.   WEATHER IS CLEAR & TEMP IS 29 DEG.	11:00	11:30	0.5 SEI	EVICE RIG.								
WEATHER IS CLEAR & TEMP IS 29 DEG.  FULL CREWS & NO ACCIDENTS.  COM OK.  FUEL 7000 GAL.  MUD WT 10.8 PPG & 35 VIS.  FORMATION NORTH HORN.  BOILER 24 HOURS.     Completion   So   Daily Total   \$29,248	11:30	06:00	18.5 DR	ILL ROTATI	E 6143' – 6890'	, 14–18K V	VOB, 55/70 R	PM, 125 SP	M, 438 GPM	I, 100–250 PS	I DIFF, 40 FPH	•
FULL CREWS & NO ACCIDENTS.   COM OK.   FUEL 7000 GAL.   MUD WT 10.8 PPG & 35 VIS.   FORMATION NORTH HORN.   BOILER 24 HOURS.			SAI	ETY MEET	TING ON PULL	ING SLIP	S & MAKINO	G CONNECT	TION.			
COM OK. FUEL 7000 GAL. MUD WT 10.8 PPG & 35 VIS. FORMATION NORTH HORN. BOILER 24 HOURS.    Daily Total   \$29,248   \$			WE	ATHER IS (	CLEAR & TEM	P IS 29 DE	EG.					
FUEL 7000 GAL.  MUD WT 10.8 PPG & 35 VIS. FORMATION NORTH HORN. BOILER 24 HOURS.    O2-25-2009   Reported By   JESSE TATMAN			FUI	LL CREWS	& NO ACCIDE	NTS.						
MUD WT 10.8 PPG & 35 VIS. FORMATION NORTH HORN. BOILER 24 HOURS.    102-25-2009   Reported By   JESSE TATMAN			CO	M OK.								
FORMATION NORTH HORN.   BOILER 24 HOURS.			FUI	EL 7000 GA	L.							
Daily Costs: Drilling   \$29,248   Completion   \$0   Daily Total   \$29,248			MU	D WT 10.8	PPG & 35 VIS.							
02-25-2009         Reported By         JESSE TATMAN           DailyCosts: Drilling         \$29,248         Completion         \$0         Daily Total         \$29,248           Cum Costs: Drilling         \$650,963         Completion         \$0         Well Total         \$650,963           MD         7,555         TVD         7,555         Progress         665         Days         8         MW         11.2         Visc         36.0           Formation:         PBTD: 0.0         Perf:         PKR Depth: 0.0           Activity at Report Time:         DRILLING @ 7555'           Start         End         Hrs         Activity Description           06:00         10:30         4.5         DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.			FOI	RMATION N	IORTH HORN.							
Daily Costs: Drilling         \$29,248         Completion         \$0         Daily Total         \$29,248           Cum Costs: Drilling         \$650,963         Completion         \$0         Well Total         \$650,963           MD         7,555         TVD         7,555         Progress         665         Days         8         MW         11.2         Visc         36.0           Formation:         PBTD: 0.0         Perf:         PKR Depth: 0.0           Activity at Report Time:         DRILLING @ 7555'           Start         End         Hrs         Activity Description           06:00         10:30         4.5         DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.			ВО	LER 24 HO	URS.							
Cum Costs: Drilling         \$650,963         Completion         \$0         Well Total         \$650,963           MD         7,555         TVD         7,555         Progress         665         Days         8         MW         11.2         Visc         36.0           Formation:         PBTD: 0.0         Perf:         PKR Depth: 0.0           Activity at Report Time:         DRILLING @ 7555'           Start         End         Hrs         Activity Description           06:00         10:30         4.5         DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.	02-25-20	09 Re	ported By	JE	SSE TATMAN							
MD 7,555 TVD 7,555 Progress 665 Days 8 MW 11.2 Visc 36.0  Formation: PBTD: 0.0 Perf: PKR Depth: 0.0  Activity at Report Time: DRILLING @ 7555'  Start End Hrs Activity Description  06:00 10:30 4.5 DRILL ROTATE 6890' - 7025', 14–18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100–250 PSI DIFF, 30 FPH.	DailyCost	ts: Drilling	\$29,24	18	Con	pletion	\$0		Dail	y Total	\$29,248	
Formation:         PBTD: 0.0         Perf:         PKR Depth: 0.0           Activity at Report Time:         DRILLING @ 7555'           Start         End         Hrs         Activity Description           06:00         10:30         4.5         DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.	Cum Cos	ts: Drilling	\$650,	963	Con	pletion	\$0		Well	Total	\$650,963	
Activity at Report Time: DRILLING @ 7555'  Start End Hrs Activity Description  06:00 10:30 4.5 DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.	MD	7,555	TVD	7,555	Progress	665	Days	8	$\mathbf{MW}$	11.2	Visc	36.0
Start         End         Hrs         Activity Description           06:00         10:30         4.5 DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.	Formation	n:		<b>PBTD</b> : 0.	0		Perf:			PKR De <sub>l</sub>	p <b>th:</b> 0.0	
06:00 10:30 4.5 DRILL ROTATE 6890' - 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.	Activity a	t Report Tir	ne: DRILLIN	IG @ 7555'								
06:00 10:30 4.5 DRILL ROTATE 6890' 7025', 14-18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 100-250 PSI DIFF, 30 FPH.	Start	End	Hrs Act	ivity Desci	ription							
				•	-	, 14–18K V	VOB, 55/70 R	PM, 125 SP	M, 438 GPM	i, 100–250 PS	I DIFF, 30 FPH.	
						,	,	,	,	,	, <del></del>	

10:30	11:00	0.5 SERVI	CE RIG.								
11:00	06:00			7025' – 7555'	. 14–18K '	WOB. 55/70 I	RPM. 125 SP	M. 438 GPN	1. 100–250 PS	I DIFF, 28 FPH	_
				NG ON UNLO					-,	,- <b></b>	
		WEATI	HER IS CL	EAR & TEM	P IS 31 DI	ΞG.					
		FULL (	CREWS &	NO ACCIDE	NTS.						
		COM C	K.								
		FUEL 5	5200 GAL.								
		MUD V	VT 11.2 PP	G & 35 VIS.							
		FORM	ATION PR	ICE RIVER.							
		BOILE	R 16 HOU	RS.				<u>.</u>			
02-26-20	009 Re	eported By	JESS	E TATMAN							
DailyCos	ts: Drilling	\$35,395		Con	pletion	\$0		Dail	y Total	\$35,395	
Cum Cos	ts: Drilling	\$686,359		Con	pletion	\$0		Wel	Total	\$686,359	
MD	8,200	TVD	8,200	Progress	645	Days	9	$\mathbf{MW}$	11.2	Visc	37.0
Formatio	n:	PB	<b>TD:</b> 0.0			Perf:			PKR De	<b>eth:</b> 0.0	
Activity a	ıt Report Ti	me: DRILLING (	② 8200°								
Start	End	Hrs Activit	ty Descrip	otion							•
06:00	10:30	4.5 DRILL	ROTATE 7	7555' – 7713',	14-18K V	WOB, 55/70 I	RPM, 125 SP	M, 438 GPM	I, 50–200 PSI	DIFF, 35 FPH.	
		MUD V	VT 11.3 PP	G & 35 VIS							
10:30	11:00	0.5 SERVIO	CE RIG.								
11:00	06:00	19.0 DRILL	ROTATE 7	713' – 8200',	14-18K V	WOB, 55/70 F	RPM, 125 SP	M, 438 GPM	I, 50-200 PSI	DIFF, 26 FPH.	
		SAFET	Y MEETIN	NG ON WEAL	RING PPE	& RIG REPA	AIR.				
		WEATH	HER IS CL	EAR & TEM	P IS 34 DE	EG.					
				NO ACCIDE	NTS.						
		COM C									
			400 GAL.	-							
				G & 38 VIS.				٠			
				ICE RIVER.							
			R 16 HOUI	RS.						-,	
02-27-20	009 Re	ported By	JESS	E TATMAN							
DailyCost	ts: Drilling	\$35,425		Com	pletion	\$0		Dail	y Total	\$35,425	
Cum Cos	ts: Drilling	\$721,784		Com	pletion	\$0		Well	Total	\$721,784	
MD	8,718	TVD	8,718 <b>I</b>	Progress	518	Days	10	MW	11.5	Visc	38.0
Formation	n:	PB	<b>TD</b> : 0.0			Perf:			PKR Dep	oth: 0.0	
	•										
Activity a		ne: TOH FOR BI	T								
Activity a Start			T <b>y Descri</b> p	otion							
•	t Report Ti	Hrs Activit	y Descrip		14-18K V	VOB, 55/70 R	PM, 125 SPI	м, 438 GPM	, 50–200 PSI	DIFF, 32 FPH.	
Start	t Report Ti End	Hrs Activit	y Descrip	200' – 8368',	14-18K V	VOB, 55/70 R	PM, 125 SPN	M, 438 GPM	, 50–200 PSI	DIFF, 32 FPH.	
Start	t Report Ti End	Hrs Activit	y <b>Descrip</b> ROTATE 8 /T 11.5 & 3	200' – 8368',	14–18K V	VOB, 55/70 R	.PM, 125 SPI	М, 438 GPM	, 50–200 PSI	DIFF, 32 FPH.	
Start 06:00	t Report Tin End 11:30	Hrs Activit 5.5 DRILL MUD W 0.5 SERVICE	y <b>Descrip</b> ROTATE 8 /T 11.5 & 3 CE RIG.	200' – 8368', 39 VIS.		·		•		DIFF, 32 FPH. DIFF, 21 FPH.	

04:30	05:00	0.	5 MIX & PUMP	PILL.							
05:00	05:30	0.	5 DROP SURVE	Y & WINTERIZ	ZE RIG FO	R TRIPPING					
05:30	06:00	0.	5 TRIP OUT FO	R BIT #3.							
			SAFETY MEE	TING ON PUM	P REPAIR	& TRIPPING	ì.				
			WEATHER IS	CLEAR & TEM	IP IS 32 DI	EG.					
			FULL CREWS	& NO ACCIDE	ENTS.						
			COM OK.							,	
			FUEL 4500 GA	L.							
			MUD WT 11.6	PPG & 40 VIS.							
			FORMATION	PRICE RIVER.							
			BOILER 24 HO	OURS.							
02-28-20		eported	3	ESSE TATMAN							
DailyCos	ts: Drilling		\$28,395	Cor	npletion	\$0		Dail	y Total	\$28,395	
Cum Cos	sts: Drilling		\$750,180	Con	npletion	\$0		Well	Total	\$750,180	
MD	9,304	TVD	9,304	Progress	586	Days	11	MW	11.8	Visc	38.0
Formatio	n:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity a	at Report Ti	me: DR	ILLING @ 9304'								
Start	End	Hrs	Activity Desc	ription							
06:00	08:30	2.:	5 TRIP OUT FO	R BIT #3.							
			MUD WT 11.6	PPG & 39 VIS.							
08:30	09:30	1.0	LAYDOWN R	EAMERS & CH	ANGE OU	T BIT.					
09:30	14:30	5.0	TRIP IN HOLE	l.							
14:30	16:00	1.:	5 DRILL ROTAT	E 8718' - 8763	', 10–18K	WOB, 55/70	RPM, 125 SP	M, 438 GPN	4, 50–200 PSI	DIFF, 30 FPH.	
			MUD WT 11.8	PPG & 38 VIS							
16:00	16:30	0.3	5 SERVICE RIG								
16:30	06:00	13.:	5 DRILL ROTAT	E 8763' – 9304'	, 14–18K V	WOB, 55/70 l	RPM, 125 SP	M, 438 GPM	I, 50–200 PSI	DIFF, 40 FPH.	
			SAFETY MEE	TING ON TRIP	PING & TI	EAM WORK					
			WEATHER IS	CLEAR & TEM	IP IS 19 DI	EG.					
			FULL CREWS	& NO ACCIDE	NTS.						
			COM OK.								
			FUEL 2900 GA	L.							
			MUD WT 11.8	PPG & 38 VIS.							
			FORMATION								
			BOILER 16 HO			<u> </u>					
03-01-20		ported	·	SSE TATMAN						<b></b>	
=	ts: Drilling		\$44,672		npletion	\$0			y Total	\$44,672	
	ts: Drilling		\$794,853		npletion	\$0	1.5		Total	\$794,853	25.0
MD	9,590	TVD	9,590	Progress	286	Days	12	MW	11.9	Visc	35.0
Formatio			<b>PBTD</b> : 0	.0		Perf:			PKR Dep	oth: 0.0	
Activity a	it Report Ti	me: WII	PER TRIP								
Start	End	Hrs	Activity Desc	ription							

06:00	10:00	4.0 DRILL ROTATE 9304' – 9455', 14–18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 50–200 PSI DIFF, 38 FPH.
		MUD WT 11.9 PPG & 39 VIS.
10:00	10:30	0.5 SERVICE RIG.
10:30	15:00	4.5 DRILL ROTATE 9455' – 9590', 14–18K WOB, 55/70 RPM, 125 SPM, 438 GPM, 50–200 PSI DIFF, 30 FPH.
		MUD WT 11.9 PPG & 39 VIS. REACHED TD @ 15:00 HRS, 02/28/2009.
15:00	16:00	1.0 CIRCULATE FOR SHORT TRIP.
16:00	18:00	2.0 WIPER TRIP, SHORT TRIP 20 STANDS.
18:00	21:30	3.5 CIRCULATE FOR LAYING DOWN DRILL STRING, WAIT ON WEATHERFORD LAYDOWN CREW & HOLD SAFETY MEETING ON LAYING DOWN DRILL STRING.
21:30	22:00	0.5 PUMP & SPOT 200 BBL PILL ON BOTTOM CONTAINING 12.5 PPG, 39 VIS & 12.1 EMW ON BOTTOM.
22:00	02:00	4.0 LAYDOWN 150 JOINTS DRILL PIPE. (WELL FLOWING)
02:00	02:30	0.5 PICK UP KELLY FILL DRILL PIPE & LOAD PIPE RACKS WITH PIPE.
02:30	05:30	3.0 PICK UP DRILL PIPE & RUN IN HOLE.
05:30	06:00	0.5 CIRCULATE BOTTOMS UP @ 7200'.

SAFETY MEETING ON WEARING PPE & LAYING DOWN DRILL STRING.

WEATHER IS CLEAR & TEMP IS 28 DEG.

JESSE TATMAN

FULL CREWS & NO ACCIDENTS.

COM OK.

Reported By

03-02-2009

FUEL 3000 GAL.

MUD WT 11.8 PPG & 38 VIS.

FORMATION PRICE RIVER.

**BOILER 24 HOURS.** 

DailyCost	ts: Drilling	\$3	37,015	Com	pletion	\$0		Dail	y Total	\$37,015	
Cum Cos	ts: Drilling	\$8	831,869	Com	pletion	\$0		Wel	l Total	\$831,869	
MD	9,590	TVD	9,590	Progress	0	Days	13	MW	11.4	Visc	41.0
Formatio	n:		<b>PBTD</b> : 0.	0 -		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: RUN	NING PROD. C.	ASING							
Start	End	Hrs	Activity Descr	ription							
06:00	07:00	1.0	CIRCULATE B	OTTOMS UP @	7200'.						
			10' MAX ROLL	ING FLARE W	HILE CIR	CULATING					
07:00	09:30	2.5	PICK UP DRIL	L PIPE & RUN	IN HOLE	TO BOTTOM	М.				
09:30	15:00		CIRCULATE, V 12.1 PPG & 40		OUT OF I	IOLE @ REI	DUCED PUM	AP RATE. CO	M MOITION	UD RAISE MU	JD WT TO
			25' MAX ROLL	ING FLARE W	HILE CIR	CULATING	OUT.				
15:00	16:00		PUMP & SPOT @ 9590'.	300 BBL PILL	ON BOT	TOM CONTA	AINING 13.5	PPG MUD	WT, 40 VIS &	12.7 EMW ON	воттом
16:00	22:30	6.5	LAYDOWN DR	ILL STRING.							
22:30	22:45	0.25	PULL WEAR B	USHING.							
22:45	00:00	1.25	RIG UP CASIN	G CREW & HO	LD SAFE	TY MEETIN	G ON CEMI	ENTING.			
00:00	06:00	6.0	RUN 4 1/2", 11.	6#, P-110, LTC,	, CASING	@ 7200'. DI	ETAILS ON 1	NEXT REPO	ORT.		
			SAFETY MEET	ING ON LAYI	NG DOWI	ORILL ST	RING & RUN	NNING CAS	ING.		
			WEATHER IS C	CLEAR & TEMI	P IS 28 DE	G.					

FULL CREWS & NO ACCIDENTS.

COM OK.

FUEL 3000 GAL.

MUD WT 12.1 PPG & 40 VIS.

FORMATION PRICE RIVER.

BOILER 24 HOURS.

03-03-20	09 Re	ported	By JE	SSE TATMAN							
DailyCost	ts: Drilling		\$159,149	Com	pletion	\$290,334		Dail	y Total	\$449,484	
Cum Cos	ts: Drilling		\$991,019	Com	pletion	\$290,334		Well	l Total	\$1,281,353	
MD	9,590	TVD	9,590	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation	n: MESAVE	RDE	<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: RIG	GING DOWN								
Start	End	Hrs	Activity Desc	ription							
06:00	07:00	1.0	COLLAR SET CASING, 1 – 22 RUN 35 TOTAL	VEATHERFROL @ 9529', 62 JOI '' MARKER JOI	FLOAT NTS OF C NT SET @ RS AS FC	SHOE SET @ 95 CASING,1- 21' N @ 4357'-4380', 1 DLLOWS, 5' ABO	76', 1 JO MARKER 01 JOIN	INT OF CAS JOINT SET IS OF CASI	SING, 1 WEA `@ 6836' – 68 NG & 1 CASI	THERFORD FL 358', 56 JOINTS NG HANGER A	OAT OF ASSEMBLY.
			CONFIRMED	TD WITH CASI	NG, TAGO	GING AT 9590' V	VITH JOI	NT #221.			
			SET CASING I	N MANDREL H	IANGER	WITH FULL STI	RING WI	EIGHT. (80,0	00# WITHOU	T BLOCK WEI	GHT)
07:00	08:30	1.5	CIRCULATE T	O CLEAR FLOA	ATS, RIG	DOWN CASING	CREW	& RIG UP C	EMENTIER.		
			HELD SAFETY	MEETING ON	CEMEN	ΓING.					
08:30	10:45	2.25	WASH CO, PUP PUMPED 420 S CE), .750% D1: (DISPERSANT CEMENT @ 6 S (EXTENDER), (RETARDER), DISPLACED W 2600 PSI, PUM PLUG, REDUC HOURS, CHEC	PUMPED 20 B MPED WASH @ SACKS (148.1 B 12, (FLUID LOS ), .125 LB/SK D BPM & 600 PSI. .100% D046, (A 14.10 PPG, 1.29 'ITH TOTAL OF PED 2ND 10 BE ED DISPLACEN KED FLOATS &	BLS CHE  5 BPM 8  BLS) OF  S), 200%  130, (LOS  PUMPEI  NTIFOAM  CFPS, 5.9  148 BBL  LS DISPI  MENT RA	RE TESTED LIN M WASH WITH \$\(\alpha\) 225 PSI. PUMP 35/65 CEMENT D046, (ANTIFO ST CIRC), 12.50 I D1580 SACKS (3 M), .200% D167, 97 GPS FRESH V S FRESH WATE LACEMENT @ 3 TTE TO 2 BPM & S HELD. LOST	.250 GA PED 20 B WITH 5.0 PM, .30 PPG, 1.98 863 BBLS (FLUID E VATER. F R. FIRS 5 BPM & 2500 PS	L/BBL FLUI BLS FRESH 0% D020, (E 0% D013, (F 3 CFPS, 10.9 5) OF 50:50 LOSS), .200° PUMPED TA F 128 BBLS 2500-2700 I. BUMPED	ID LOSS & .50 WATER SPACE XTENDER), 2 RETARDER), 4 GPS FRESH POZ G CEME % D065, (DISI IL CEMENT DISPLACEM PSI, 10 BBLS D PLUG WITH	00 GAL/BBL CF CER @ 7 BPM & 2.0% D174, (EXI .200% D065, I WATER. PUMI NT WITH 2.0% PERSANT), .100 @ 5 BPM & 350 ENT @ 8 BPM & SHY OF BUMP I 3500 PSI @ 10	HEM & 1100 PSI. PANDING PED LEAD D020, 0% D013, 0 PSI. & 750– PING :45
			(NO CEMENT	,							
10:45	11:45		RIG DOWN CE		ann na c						
11:45	12:45		BACK OUT LA	,		KOFF & TEST 1	O 5000 I	'SI FOR 15 I	MIN.		
12:45	15:45	3.0	CLEAN MUD T			2/02/2000					
15:45	06:00	14.26	RELEASED RIG RIG DOWN.	G @ 15:30 HOU	KS ON U	3/02/2009.					
15.45	00.00	14,23		TING ON RUNN	MNG CAS	ING & CEMEN	TING				
			FULL CREWS			into a center	111.0.				
			COM OK.								
			BOILER 24 HO	URS.							
					OF 4.5" P-	-110, 11.6#, LTC	CASING	TO ZECO	FOR REPAIR.		
						J-55, 36#, LTC (					
						VERNAL UTAH					•

#### TRUCKS SCHEDULED FOR 03/03/2009.

Daily Costs   Drilling   S34,783   Completion   S28,000   Daily Total   S62,783				COCKS SCII	EDULED FOR	03/03/2003	•					
Cum Costs: Drilling         \$1,025,802         Completion         \$318,334         Well Total         \$1,344,137           MD         9,590         TVD         9,590         Progress         0         Days         15         MW         0.0         Visc           Formation: MESAVERDE         PBTD: 0.0         Perf:         PKR Depth: 0.0         Activity at Report Time: WO COMPLETION           Start         End         Hrs         Activity Description         Activity Description         SURFACE: CEMENT TOP ABOVE SURFACE CE	03-14-20	009 R	eported By	М	CCURDY							
MD         9,590   TVD         9,590   Progress         0 Days         15 MW         0.0 Visc           Formation: MESAVERDE   PBTD: 0.0 Perf: PKR Depth: 0.0           Notivity at Report Time: WO COMPLETION           Start         End         Hrs         Activity Description           06:00         06:00         24.0 LONE WOLF WIRELINE, LOG WITH CCL/GR FROM PBTD TO SURFACE'. CEMENT TOP ABOVE SURFACE CASING SHOE @ 1650'. RD LONE WOLF WIRELINE.           03-18-2009 Reported By BRINKERHOFF           DailyCosts: Drilling         \$0         Completion         \$1,268         Daily Total         \$1,268           Cum Costs: Drilling         \$1,025,802         Completion         \$319,602         Well Total         \$1,345,405           MD         9,590         Progress         0 Days         16 MW         0.0         Visc           Formation: MESAVERDE         PBTD: 0.0         Perf:         PKR Depth: 0.0         Visc           Start         End         Hrs         Activity Description           06:00         06:00         24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           Oally Costs: Drilling         \$0         Completion         \$39,900         Daily Total         \$39,900 </td <td>DailyCost</td> <td>ts: Drilling</td> <td>\$34,</td> <td>783</td> <td>Con</td> <td>npletion</td> <td>\$28,000</td> <td></td> <td>Daily</td> <td>Total</td> <td>\$62,783</td> <td></td>	DailyCost	ts: Drilling	\$34,	783	Con	npletion	\$28,000		Daily	Total	\$62,783	
Formation   MESAVERDE   PBTD   0.0   Perf   PKR Depth   0.0	Cum Cost	ts: Drilling	\$1,0	25,802	Con	npletion	\$318,334		Well 7	<b>Fotal</b>	\$1,344,137	
Start   End   Hrs   Activity Description	MD	9,590	TVD	9,590	Progress	0	Days	15	MW	0.0	Visc	0.0
Start   End   Hrs   Activity Description	Formation	n: MESAVE	ERDE	<b>PBTD</b> : 0	0.0		Perf:			PKR Dej	<b>pth:</b> 0.0	
06:00         24.0         LONE WOLF WIRELINE. LOG WITH CCL/GR FROM PBTD TO SURFACE'. CEMENT TOP ABOVE SURFACE CASING SHOE @ 1650°. RD LONE WOLF WIRELINE.           03-18-2009         Reported By         BRINKERHOFF           Daily Costs: Drilling         \$0         Completion         \$1,268         Daily Total         \$1,268           Cum Costs: Drilling         \$1,025,802         Completion         \$1,268         Daily Total         \$1,268           Cum Costs: Drilling         \$1,025,802         Completion         \$1,268         Daily Total         \$1,345,405           MD         9,590         PKR Depth: 0.0         Visc           Formation: MESAVERDE         PBTD: 0.0         Perf:         PKR Depth: 0.0         PKR Depth: 0.0         Activity Description           06:00         06:00         24.0         NU IOM FRAC TREE PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           03-25-2009         Reported By         KERN           Daily Costs: Drilling         \$0         <	Activity a	t Report Ti	me: WO CO	MPLETION								
CASING SHOE @ 1650'. RD LONE WOLF WIRELINE.	Start	End	Hrs A	ctivity Desc	ription							
Daily Costs: Drilling         \$0         Completion         \$1,268         Daily Total         \$1,268           Cum Costs: Drilling         \$1,025,802         Completion         \$319,602         Well Total         \$1,345,405           MD         9,590         TVD         9,590         Progress         0         Days         16         MW         0.0         Visc           Formation: MESAVERDE         PBTD: 0.0         Perf:         PKR Depth: 0.0           Activity at Report Time: WO COMPLETION           Start         End         Hrs         Activity Description           06:00         06:00         24.0         NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           O3-25-2009         Reported By         KERN           Completion         \$39,900         Daily Total         \$39,900           Cum Costs: Drilling         \$1,025,802         Completion         \$359,502         Well Total         \$1,385,305	06:00	06:00						BTD TO	SURFACE'. C	EMENT TO	OP ABOVE SUR	FACE
Cum Costs: Drilling         \$1,025,802         Completion         \$319,602         Well Total         \$1,345,405           MD         9,590         TVD         9,590         Progress         0         Days         16         MW         0.0         Visc           Formation: MESAVERDE         PBTD: 0.0         Perf:         PKR Depth: 0.0           Activity at Report Time: WO COMPLETION           Start         End         Hrs         Activity Description           06:00         06:00         24.0         NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE. & CASING TO 8500 PSIG. WO COMPLETION.           03-25-2009         Reported by         KERN           Completion         \$39,900         Daily Total         \$39,900           Cum Costs: Drilling         \$1,025,802         Completion         \$359,502         Well Total         \$1,385,305	03-18-20	09 R	eported By	Bl	RINKERHOFF							
MD         9,590         TVD         9,590         Progress         0         Days         16         MW         0.0         Visc           Formation:         MESAVERDE         PBTD:         0.0         Perf:         PKR Depth:         0.0           Activity at Report Time:         WO COMPLETION         WO COMPLETION         WO COMPLETION         WO COMPLETION           Start         End         Hrs         Activity Description         Activity Description         WO COMPLETION           06:00         06:00         24.0         NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           03-25-2009         Reported By         KERN           Completion         \$39,900         Daily Total         \$39,900           Cum Costs:         Drilling         \$1,385,305	DailyCost	ts: Drilling	\$0		Com	pletion	\$1,268		Daily	Total	\$1,268	
Formation: MESAVERDE PBTD: 0.0 Perf: PKR Depth: 0.0  Activity at Report Time: WO COMPLETION  Start End Hrs Activity Description  06:00 06:00 24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.  03-25-2009 Reported By KERN  Daily Costs: Drilling \$0 Completion \$39,900 Daily Total \$39,900 Cum Costs: Drilling \$1,025,802 Completion \$359,502 Well Total \$1,385,305	Cum Cost	ts: Drilling	\$1,0	25,802	Com	pletion	\$319,602		Well 7	Total	\$1,345,405	
Activity at Report Time: WO COMPLETION           Start         End         Hrs         Activity Description           06:00         06:00         24.0         NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           03-25-2009         Reported By         KERN           Daily Costs: Drilling         \$0         Completion         \$39,900         Daily Total         \$39,900           Cum Costs: Drilling         \$1,025,802         Completion         \$359,502         Well Total         \$1,385,305	MD	9,590	TVD	9,590	Progress	0	Days	16	MW	0.0	Visc	0.0
Start         End         Hrs         Activity Description           06:00         06:00         24.0         NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           03-25-2009         Reported By         KERN           Daily Costs: Drilling         \$0         Completion         \$39,900         Daily Total         \$39,900           Cum Costs: Drilling         \$1,025,802         Completion         \$359,502         Well Total         \$1,385,305	Formation	n: MESAVE	RDE	<b>PBTD</b> : 0	.0		Perf:			PKR Dej	<b>pth:</b> 0.0	
06:00         06:00         24.0 NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.           03-25-2009         Reported By         KERN           DailyCosts: Drilling         \$0         Completion         \$39,900         Daily Total         \$39,900           Cum Costs: Drilling         \$1,025,802         Completion         \$359,502         Well Total         \$1,385,305	Activity a	t Report Ti	me: WO CO	MPLETION								
Daily Costs: Drilling\$0Completion\$39,900Daily Total\$39,900Cum Costs: Drilling\$1,025,802Completion\$359,502Well Total\$1,385,305				•	•	URE TEST	ED FRAC TREE	E & CASI	NG TO 8500 I	PSIG. WO C	OMPLETION.	
Cum Costs: Drilling         \$1,025,802         Completion         \$359,502         Well Total         \$1,385,305	03-25-20	09 Re	eported By	K	ERN							
	DailyCost	ts: Drilling	\$0		Com	pletion	\$39,900		Daily	Total	\$39,900	
MD 9,590 TVD 9,590 Progress 0 Days 17 MW 0.0 Visc	Cum Cost	ts: Drilling	\$1,0	25,802	Com	pletion	\$359,502		Well 7	Total	\$1,385,305	
	MD	9,590	TVD	9,590	Progress	0	Days	17	MW	0.0	Visc	0.0
<b>Formation</b> : MESAVERDE <b>PBTD</b> : 9529.0 <b>Perf</b> : 7769'-9344' <b>PKR Depth</b> : 0.0	Formation	n: MESAVE	RDE	<b>PBTD</b> : 9	529.0		Perf: 7769'-	9344'		PKR Dep	<b>pth:</b> 0.0	

Activity at Report Time: FRAC

Start End Hrs Activity Description

06:00 06:00

24.0 RU CUTTERS WIRELINE & PERFORATE LPR FROM 9133'-34', 9149'-50', 9167'-68', 9178'-79', 9183'-84', 9265'-66', 9271'-72', 9301'-02', 9327'-28', 9337'-39', 9343'-44' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 8777 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 26499 GAL 16# DELTA 200 W/104500# 20/40 SAND @ 2-5 PPG. MTP 5899 PSIG. MTR 51.6 BPM. ATP 4857 PSIG. ATR 49.7 BPM. ISIP 3215 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 9110'. PERFORATE M/LPR FROM 8812'-13', 8843'-44', 8863'-64', 8880'-81', 8923'-24', 8929'-30', 8971'-72', 8984'-85', 9011'-12', 9019'-20', 9063'-64', 9094'-95' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 10158 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 42663 GAL 16# DELTA 200 W/163800# 20/40 SAND @ 2-5 PPG. MTP 5901 PSIG. MTR 51.8 BPM. ATP 4825 PSIG. ATR 50.5 BPM. ISIP 3154 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8750'. PERFORATE MPR FROM 8515'-16', 8528'-29', 8536'-37', 8557'-58', 8564'-65', 8620'-21', 8635'-36', 8650'-51', 8655'-56', 8676'-77', 8689'-90', 8731'-32' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 8610 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 53728 GAL 16# DELTA 200 W/200700# 20/40 SAND @ 2-5 PPG. MTP 5030 PSIG. MTR 51.8 BPM. ATP 4175 PSIG. ATR 50.8 BPM. ISIP 2746 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8485'. PERFORATE MPR FROM 8295'-96', 8301'-02', 8311'-12', 8319'-20', 8328'-29', 8337'-38', 8386'-87', 8394'-95', 8408'-09', 8421'-22', 8455'-56', 8461'-62' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7548 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 41591 GAL 16# DELTA 200 W/156400# 20/40 SAND @ 2-5 PPG. MTP 5409 PSIG. MTR 51.7 BPM. ATP 4124 PSIG. ATR 50.6 BPM. ISIP 2592 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8265'. PERFORATE U/MPR FROM 8051'-52', 8059'-60', 8082'-83', 8092'-93', 8128'-29', 8137'-38', 8160'-61', 8186'-88', 8221'-22', 8234'-35', 8246'-47' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 7537 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 36577 GAL 16# DELTA 200 W/141100# 20/40 SAND @ 2-5 PPG. MTP 6302 PSIG. MTR 52.3 BPM. ATP 4634 PSIG. ATR 50.5 BPM. ISIP 2484 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 8025'. PERFORATE UPR FROM 7769'-70', 7779'-80', 7794'-95', 7804'-05', 7842'-43', 7906'-07', 7913'-14', 7923'-24', 7942'-43', 7954'-55', 7995'-96', 8005'-06' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7569 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 30791 GAL 16# DELTA 200 W/119100# 20/40 SAND @ 2-5 PPG. MTP 5757 PSIG. MTR 53.2 BPM. ATP 4172 PSIG. ATR 51.3 BPM. ISIP 2461 PSIG. RD HALLIBURTON. SDFN.

03-26-2009	Report	ed By K	KERN							
DailyCosts: D	rilling	\$0	Com	pletion	\$267,134		Daily	Total	\$267,134	
Cum Costs: D	rilling	\$1,025,802	Com	pletion	\$626,636		Well 7	otal	\$1,652,439	
MD	9,590 <b>TV</b>	<b>D</b> 9,590	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation : M	IESAVERDE	PBTD:	9529.0		Perf: 7262'-	9344'		PKR Dej	oth: 0.0	

Activity at Report Time: PREP TO MIRUSU

### Start End Hrs Activity Description

06:00 06:00

24.0 RUWL. SET 6K CFP AT 7720'. PERFORATE UPR FROM 7447'-48', 7456'-57', 7480'-81', 7507'-08', 7530'-31', 7553'-54', 7577'-78', 7608'-09', 7678'-79', 7683'-84', 7688'-89', 7701'-02' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 10568 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 33166 GAL 16# DELTA 200 W/132500# 20/40 SAND @ 2-5 PPG. MTP 4380 PSIG. MTR 52.1 BPM. ATP 3979 PSIG. ATR 51.2 BPM. ISIP 2284 PSIG. RD HALLIBURTON.

RUWL. SET 6K CFP AT 7415'. PERFORATE NH FROM 7262'-63', 7267'-69', 7272'-73', 7281'-82', 7302'-03', 7349'-50', 7355'-56', 7364'-65', 7374'-75', 7381'-82', 7388'-89' @ 3 SPF @ 120° PHASING. RDWL. RU HALLIBURTON, FRAC DOWN CASING W/165 GAL GYPTRON T-106, 7483 GAL 16# LINEAR GEL W/1# & 1.5# 20/40 SAND, 36779 GAL 16# DELTA 200 W/144700# 20/40 SAND @ 2-5 PPG. MTP 4438 PSIG. MTR 52.3 BPM. ATP 3510 PSIG. ATR 51.1 BPM. ISIP 2277 PSIG. RD HALLIBURTON.

#### RUWL. SET 6K CBP AT 7159'. RD CUTTERS WIRELINE.

Re	ported By	, K	ERN							
Orilling	\$0		Cor	npletion	\$5,678		Daily To	tal	\$5,678	
Drilling	\$1,	025,802	Cor	npletion	\$632,314		Well Tot	al	\$1,658,117	
9,590	TVD	9,590	Progress	0	Days	19	MW	0.0	Visc	0.0
MESAVE	RDE	<b>PBTD</b> : 9	529.0		Perf: 7262'-	9344'	1	PKR Dep	oth: 0.0	
eport Tir	ne: CLEA	N OUT AFTE	R FRAC							
nd	Hrs A	Activity Desc	cription							
06:00					NU BOP. RIH W	//BIT & 1	PUMP OFF SUB	ON 2-3/8	" YB TBG TO	7159'. RU
Re	ported By	, M	ICCURDY							
Prilling	\$0		Cor	npletion	\$72,655		Daily To	tal	\$72,655	
							-			
	Orilling Orilling 9,590 MESAVER EPORT Tin nd 06:00	Drilling \$0 Drilling \$1, 9,590 TVD MESAVERDE Eport Time: CLEA nd Hrs A 06:00 24.0 M	Orilling \$0  Orilling \$1,025,802  9,590 TVD 9,590  MESAVERDE PBTD: 9  Eport Time: CLEAN OUT AFTE  IN Activity Desc  06:00 24.0 MIRU ROYAL  TO DRILL OUT  Reported By M	Orilling \$0 Con Orilling \$1,025,802 Con 9,590 TVD 9,590 Progress MESAVERDE PBTD: 9529.0 Eport Time: CLEAN OUT AFTER FRAC Ind Hrs Activity Description 06:00 24.0 MIRU ROYAL RIG #2. ND FR TO DRILL OUT PLUGS. SDF Reported By MCCURDY	Orilling \$0 Completion Orilling \$1,025,802 Completion 9,590 TVD 9,590 Progress 0  MESAVERDE PBTD: 9529.0  Peport Time: CLEAN OUT AFTER FRAC  Ind Hrs Activity Description  06:00 24.0 MIRU ROYAL RIG #2. ND FRAC TREE. TO DRILL OUT PLUGS. SDFN.  Reported By MCCURDY	Orilling \$0 Completion \$5,678  Orilling \$1,025,802 Completion \$632,314  9,590 TVD 9,590 Progress 0 Days  MESAVERDE PBTD: 9529.0 Perf: 7262'-  eport Time: CLEAN OUT AFTER FRAC  Ind Hrs Activity Description  06:00 24.0 MIRU ROYAL RIG #2. ND FRAC TREE. NU BOP. RIH W TO DRILL OUT PLUGS. SDFN.  Reported By MCCURDY	Orilling \$0 Completion \$5,678  Orilling \$1,025,802 Completion \$632,314  9,590 TVD 9,590 Progress 0 Days 19  MESAVERDE PBTD: 9529.0 Perf: 7262'-9344'  eport Time: CLEAN OUT AFTER FRAC  Ind Hrs Activity Description  06:00 24.0 MIRU ROYAL RIG #2. ND FRAC TREE. NU BOP. RIH W/BIT & TO DRILL OUT PLUGS. SDFN.  Reported By MCCURDY	Orilling \$0 Completion \$5,678 Daily To Drilling \$1,025,802 Completion \$632,314 Well Tot 9,590 TVD 9,590 Progress 0 Days 19 MW  MESAVERDE PBTD: 9529.0 Perf: 7262'-9344' I Peport Time: CLEAN OUT AFTER FRAC  Ind Hrs Activity Description 06:00 24.0 MIRU ROYAL RIG #2. ND FRAC TREE. NU BOP. RIH W/BIT & PUMP OFF SUB TO DRILL OUT PLUGS. SDFN.  Reported By MCCURDY	Orilling \$0 Completion \$5,678 Daily Total  Orilling \$1,025,802 Completion \$632,314 Well Total  9,590 TVD 9,590 Progress 0 Days 19 MW 0.0  MESAVERDE PBTD: 9529.0 Perf: 7262'-9344' PKR Deperort Time: CLEAN OUT AFTER FRAC  Ind Hrs Activity Description  06:00 24.0 MIRU ROYAL RIG #2. ND FRAC TREE. NU BOP. RIH W/BIT & PUMP OFF SUB ON 2-3/8 TO DRILL OUT PLUGS. SDFN.  Reported By MCCURDY	Orilling \$0 Completion \$5,678 Daily Total \$5,678  Orilling \$1,025,802 Completion \$632,314 Well Total \$1,658,117  9,590 TVD 9,590 Progress 0 Days 19 MW 0.0 Visc  MESAVERDE PBTD: 9529.0 Perf: 7262'-9344' PKR Depth: 0.0  eport Time: CLEAN OUT AFTER FRAC  Ind Hrs Activity Description  06:00 24.0 MIRU ROYAL RIG #2. ND FRAC TREE. NU BOP. RIH W/BIT & PUMP OFF SUB ON 2-3/8" YB TBG TO TO DRILL OUT PLUGS. SDFN.  Reported By MCCURDY

0.0 9,590 9,590 0 0.0 MD **TVD** 20 MWVisc **Progress** Days PKR Depth: 0.0 **Formation:** MESAVERDE **PBTD:** 9529.0 Perf: 7262'-9344' Activity at Report Time: FLOWBACK Start Hrs **Activity Description** 24.0 SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @. 7159', 7415', 7720' 8025', 8265', 8485', 8750', & 9110'. 06:00 06:00 RIH. CLEANED OUT TO 9485'. LANDED TBG AT 8255.14' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMO ROYAL RIG 2. TUBING DETAIL LENGTH PUMP OFF SUB 1.30' 1 JT 2-3/8 4.7# N-80 TBG 32.68' XN NIPPLE 1.10' 253 JTS 2-3/8 4.7# N-80 TBG 8203.06' BELOW KB 17.00' LANDED @ 8255.14' KB FLOWED 14 HRS. 24/64 CHOKE. FTP-1600 PSIG, CP-1600 PSIG. 76 BFPH. RECOVERED 1208 BBLS, 8843 BLWTR. **MCCURDY** 03-29-2009 Reported By DailyCosts: Drilling \$0 Completion \$0 **Daily Total** \$0 \$1,025,802 \$704,969 \$1,730,772 **Cum Costs: Drilling** Completion Well Total MD 9.590 TVD 9,590 0 21 MW 0.0 Visc 0.0 **Progress** Days **Formation:** MESAVERDE PBTD: 9529.0 Perf: 7262'-9344' PKR Depth: 0.0 Activity at Report Time: INITIAL PRODUCTION End Hrs **Activity Description** Start 24.0 INITIAL PRODUCTION. OPENING PRESSURE: TP 1550 PSIG & CP 1650 PSIG. TURNED WELL OVER TO 06:00 06:00 QUESTAR SALES AT 10:30 AM, 3/28/09. FLOWED 1250 MCFD RATE ON 24/64" CHOKE. STATIC 268. QUESTAR METER #8116. **MCCURDY** 03-30-2009 Reported By \$0 \$1,950 **Daily Total** \$1,950 DailyCosts: Drilling Completion \$1,025,802 \$706,919 \$1,732,722 **Cum Costs: Drilling** Completion **Well Total** MD 9,590 TVD 9,590 0 22 MW0.0 Visc 0.0 **Progress** Davs PKR Depth: 0.0 Formation: MESAVERDE **PBTD:** 9529.0 Perf: 7262'-9344' Activity at Report Time: FLOW TEST TO SALES End Start Hrs **Activity Description** 

06:00

06:00

1808 MCFD RATE.

24.0 FLOWED 24 HRS. 24/64 CHOKE. FTP 1450 PSIG. CP 1400 PSIG. 48 BFPH. RECOVERED 1200 BLW. 6191 BLWTR.

orm 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

			BUKEA	U OF L	AND M	ANAG	EMENI					ı	Бурп	ies. July	y 31, 2010
	WELL	COMPL	ETION C	R RE	COMP	LETIC	N REF	PORT	AND L	.OG			ease Serial N TU0284A	No.	
1a. Type o	f Well	Oil Well	<b>⊠</b> Gas	Well	☐ Dry		ther	-				_		ottee o	r Tribe Name
b. Type o	of Completion		ew Well	☐ Wor	rk Over	☐ De	eepen	□ Plug	g Back	Diff. F	Resvr.	7. U	nit or CA A	greem	ent Name and No.
		Othe	er					= . =	10			С	HAPITA W	VELLS	<u> </u>
2. Name o EOG F	f Operator RESOURCE	S, INC.	E	-Mail: n			ARY A. N eogresou			_			ease Name a HAPITA W		ell No. 3 UNIT 1345-22
3. Address	600 17TH DENVER			00N					o. (include 4-5526	e area code	)	9. A	PI Well No.	•	43-047-39622
4. Location	n of Well (Re			nd in acc	ordance v	vith Fede	eral requir	ements	)*						Exploratory
At surface SWNW 2297FNL 209FWL 40.02243 N Lat, 109.43476 W Lon												ATURAL E		Block and Survey	
At top j	orod interval	reported b	elow SWI	NW 229	7FNL 20	9FWL 4	10.02243	N Lat,	109.434	76 W Lon		01	Area Sec	22 T	9S R22E Mer SLB
At total	depth SV	NW 2297	'FNL 209F\	NL 40.0	2243 N I	at, 109	.43476 V	V Lon				U	County or Pa		13. State UT
14. Date S 01/06/2	pudded 2009			ate T.D. 2/28/200	Reached 9			<b>D</b> &	Complete A 🔀 3/2009	ed Ready to F	rod.	17. E	Elevations (I 489	DF, KI 98 GL	B, RT, GL)*
18. Total I	Depth:	MD TVD	9590		19. Plug	Back T		MD TVD	95	29	20. De	pth Bri	dge Plug Se		MD TVD
21. Type F	lectric & Oth		nical Logs R	un (Subi	mit copy o	of each)				22. Was		d?	⊠ No (	Yes	(Submit analysis)
CCL/G	CBL		_			_					DST run: tional Su	? irvey?			s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord <i>(Repo</i>	rt all strings		<del></del>						T				
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (ME		ottom MD)	Stage Ce Dep		ŀ	f Sks. & of Cement	Slurry (BE		Cement T	Cop*	Amount Pulled
12.250		625 J-55	36.0		0	2545				845	5			0	
7.875	4.50	00 P-110	11.6		0	9576				2000	)			1650	-
			-	-	<del></del>										
												,			
24. Tubing	Record Depth Set (N	(D) P	acker Depth	(MD) I	Size	Dont	h Set (MD	<u>п</u> Т и	acker Dep	ath (MD)	Size	I Do	pth Set (MI	v T	Packer Depth (MD)
2.375		8255	ексі Беріп	(IVID)	BIZC	Бери	ii Set (MIL	<i>,</i> ) 1	acker De	our (IVID)	BIZE	1 100	pui sei (ivii	<del>"</del>	racker Depth (WID)
25. Produci	ng Intervals					26.	Perforation	on Reco	rd 7	262					
	ormation		Top		Bottom		Per	forated	Interval		Size	N	lo. Holes		Perf. Status
<u>A)</u> B)	MESAVE	RDE		7262	93	44			9133 T 8812 T			-	3		_
C)						_		-	8515 T	$\overline{}$		$\dashv$	3		<del></del>
D)									8295 T	O 8462			3		
	racture, Treat		nent Squeeze	e, Etc.				-	<del></del>			_			
	Depth Interv		35,441	GALS GE	ELLED WA	TER &	104.500# 2			l Type of M	laterial	_			
			95 52,986												
			32 62,503												
28 Product	82 ion - Interval		62 49,304	GALS GE	ELLED WA	TER &	156,400# 2	20/40 S	AND						
Date First	Test	Hours	Test	Oil	Gas	V	Vater	Oil Gr	avity	Gas		Producti	on Method		
Produced 03/28/2009	Date 04/06/2009	Tested 24	Production	BBL 3.0	MCF 80	7.0	63.0	Corr. A	API	Gravity	,		FLOW	IS ERC	OM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	V	Vater	Gas:O	iI	Well S	tatus	L	1200	OTTAC	JW WLLL
Size 12/64"	Flwg. 1765 SI	Press. 2295.0	Rate	BBL 3	MCF 8	97 B	BL 63	Ratio		F	PGW				
	tion - Interva	l B													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Vater BBL	Oil Gr Corr. A		Gas Gravity	,	Producti	on Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Vater BBL	Gas:O Ratio	i	Well S	tatus		R	EC	EIVED

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #68916 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

201 7	1	1.0										
	duction - Inter		lm .	To:	Ta	In.	Total tr	I a		Is a state		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		as ravity	Production Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	w	ell Status	<u> </u>		
	SI			-	<u> </u>							
	luction - Inter			_								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		as ravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	w	ell Status	<del></del>		
29. Dispo	osition of Gas	(Sold, used	d for fuel, ven	ited, etc.)		<del></del>						-
	nary of Porou	s Zones (I	nclude Aquif	ers):	_				31. For	mation (Log) Ma	irkers	<del></del>
tests,	all important including dep ecoveries.	t zones of joth interval	porosity and o	contents ther ion used, tim	eof: Core le tool ope	d intervals and a	all drill-stem shut-in pressur	res				
	Formation		Тор	Bottom		Description	ns, Contents, e	tc.		Name		Тор
MESAVE	DDE.		7262	9344					CB	EEN RIVER		Meas. Depth
32. Addit	ional remarks	: (include r tached pa	olugging proc	sedure):		additional forn	nation marker		BIF MA UT WA CH BU	LEEN RIVER LEEN RIVER HOGANY ELAND BUTTE ISATCH APITA WELLS CK CANYON ICE RIVER		1821 2322 4614 4731 5315 6021 7244
33, Circle	enclosed atta	chments										
<ul> <li>33. Circle enclosed attachments:</li> <li>1. Electrical/Mechanical Logs (1 full set req'd.)</li> <li>2. Geologic Reporting</li> <li>5. Sundry Notice for plugging and cement verification</li> <li>6. Core Analysis</li> </ul>						-	t 3. DST Report 4. Directional Survey 7 Other:					
34. I here	by certify that	t the foreg	U	tronic Subn	nission #6	omplete and corresponding to the corresponding to t	by the BLM V	Vell Infor	rmation Sys	records (see atta	ched instruction	ons):
Name	(please print)	MARY A	A. MAESTAS	3			Title	REGULA	TORY AS	SISTANT	_	·
Signa	ture		nic Subtoles	ion) W	and	<u> </u>	Date	04/14/20	09			
			<u> </u>		<u>)</u>	<u> </u>						
Title 18 L	J.S.C. Section	1001 and	Title 43 U.S.	.C. Section 1	212, mak	e it a crime for	any person kno	wingly a	nd willfully	to make to any d	epartment or a	gency

### Chapita Wells Unit 1345-22 - ADDITIONAL REMARKS (CONTINUED):

### 26. PERFORATION RECORD

8051-8247	3/spf
7769-8006	3/spf
7447-7702	3/spf
7262-7389	3/spf

### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

8051-8247	44,279 GALS GELLED WATER & 141,100# 20/40 SAND
7769-8006	38,525 GALS GELLED WATER & 119,100# 20/40 SAND
7447-7702	43,899 GALS GELLED WATER & 132,500# 20/40 SAND
7262-7389	44,427 GALS GELLED WATER & 144,700# 20/40 SAND

Perforated the Lower Price River from 9133-34', 9149-50', 9167-68', 9178-79', 9183-84', 9265-66', 9271-72', 9301-02', 9327-28', 9337-39', 9343-44' w/ 3 spf.

Perforated the Middle/Lower Price River from 8812-13', 8843-44', 8863-64', 8880-81', 8923-24', 8929-30', 8971-72', 8984-85', 9011-12', 9019-20', 9063-64', 9094-95' w/ 3 spf.

Perforated the Middle Price River from 8515-16', 8528-29', 8536-37', 8557-58', 8564-65', 8620-21', 8635-36', 8650-51', 8655-56', 8676-77', 8689-90', 8731-32' w/ 3 spf.

Perforated the Middle Price River from 8295-96', 8301-02', 8311-12', 8319-20', 8328-29', 8337-38', 8386-87', 8394-95', 8408-09', 8421-22', 8455-56', 8461-62' w/ 3 spf.

Perforated the Upper/Middle Price River from 8051-52', 8059-60', 8082-83', 8092-93', 8128-29', 8137-38', 8160-61', 8186-88', 8221-22', 8234-35', 8246-47' w/ 3 spf.

Perforated the Upper Price River from 7769-70', 7779-80', 7794-95', 7804-05', 7842-43', 7906-07', 7913-14', 7923-24', 7942-43', 7954-55', 7995-96', 8005-06' w/ 3 spf.

Perforated the Upper Price River from 7447-48', 7456-57', 7480-81', 7507-08', 7530-31', 7553-54', 7577-78', 7608-09', 7678-79', 7683-84', 7688-89', 7701-02' w/ 3 spf.

Perforated the Upper Price River from 7262-63', 7267-69', 7272-73', 7281-82', 7302-03', 7349-50', 7355-56', 7364-65', 7374-75', 7381-82', 7388-89' w/ 3 spf.

### 32. FORMATION (LOG) MARKERS

Middle Price River	8097
Lower Price River	8880
Sego	9394

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

				·			
DEDO	DT OF W	VATED	ENICO	INTEDED	DUDING	DBILL	NIC

Well name and	number: CWU	1345-22			
API number: 4					
Well Location:	QQ <u>SWNW</u> Secti	on <u>22</u> To	ownship <u>9S</u> Ran	ge 22E Cou	nty UINTAH
Well operator:	EOG				
Address:	1060 E HWY 40	)			
	city VERNAL		state UT zip 84078	<u> </u>	one: <u>(435)</u> 781-9111
Drilling contract	tor: CRAIGS RO	USTABOUT	Γ SERVICE		
Address:	PO BOX 41				
	city JENSEN		state UT zip 8403	<u> </u>	one: (435) 781-1366
Water encounte	ered (attach add	tional pages	s as needed):		
Γ	DEPT		VOLUM	IE	QUALITY
,	FROM	ТО	(FLOW RATE O		(FRESH OR SALTY)
-			NO WAT	ER	
-					
-					
-  -					
Ļ					
					_
Formation tops (Top to Bottom)					3
	4 <u> </u>		5 8		
	' – 10 _				
	_				
If an analysis h	as been made o	f the water e	ncountered, please a	attach a copy o	f the report to this form.
-			e to the best of my know		ulatany Accietant
NAME (PLEASE PRIN	Mary A. Maes	 		TITLE Regi	ulatory Assistant

(5/2000)

Form	3160-5
(Aug	ust 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY Do not use the abandoned we	UTU0284A	UTU0284A  6. If Indian, Allottee or Tribe Name				
abandoned we	o. It mulan, Anotte	e of Tribe Name				
SUBMIT IN TRI	7. If Unit or CA/Ag CHAPITA WE	7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS				
1. Type of Well ☐ Oil Well ☐ Gas Well ☐ Oth	8. Well Name and N CHAPITA WEL	o. LS UNIT 1345-22				
2. Name of Operator EOG RESOURCES, INC.	Contact: MA E-Mail: mary_maestas	RY A. MAESTAS @eogresources.com	9. API Well No. 43-047-39622			
3a. Address 600 17TH STREET SUITE 10 DENVER, CO 80202	000N 3b	. Phone No. (include area code h: 303-824-5526	) 10. Field and Pool, NATURAL BU	or Exploratory ITTES		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)		11. County or Paris	h, and State		
Sec 22 T9S R22E SWNW 229 40.02243 N Lat, 109.43476 W	97FNL 209FWL / Lon		UINTAH COU	NTY, UT		
12. CHECK APPI	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF	NOTICE, REPORT, OR OTH	ER DATA		
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off		
_	☐ Alter Casing	☐ Fracture Treat	□ Reclamation	■ Well Integrity		
Subsequent Report     Subsequent Re	□ Casing Repair	■ New Construction	☐ Recomplete	Other		
☐ Final Abandonment Notice	☐ Change Plans	□ Plug and Abandon	□ Temporarily Abandon			
	☐ Convert to Injection	□ Plug Back	■ Water Disposal	Water Disposal		
following completion of the involved	l operations. If the operation results bandonment Notices shall be filed or inal inspection.)	in a multiple completion or rec ally after all requirements, include	A. Required subsequent reports shall ompletion in a new interval, a Form 3 ling reclamation, have been completed procedure.	160-4 shall be filed once		
14. I hereby certify that the foregoing is	Electronic Submission #692	52 verified by the BLM Wel OURCES, INC., sent to the				
Name (Printed/Typed) MARY A.	MAESTAS	Title REGUI	ATORY ASSISTANT			
Signature MANGLectronic S	Submission away	Date 04/23/2	2009			
		FEDERAL OR STATE	OFFICE USE			
				F :		
_Approved_By	<del></del>	Title		Date		
Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to condu	uitable title to those rights in the sub		· · · · · · · · · · · · · · · · · · ·			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent				or agency of the United		

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMIFECEIVED

APR 27 2009

	STATE OF UTAH		FORM 9		
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: U-0284-A		
SUND	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen e igged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: CHAPITA WELLS		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: CWU 1345-22		
2. NAME OF OPERATOR: EOG Resources, Inc.			<b>9. API NUMBER:</b> 43047396220000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	al, UT, 84078 435 781-911	PHONE NUMBER: 1 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2297 FNL 0209 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWNW Section: 22	IP, RANGE, MERIDIAN: 2 Township: 09.0S Range: 22.0E Meridian: S	5	STATE: UTAH		
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	_ ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
✓ SUBSEQUENT REPORT  Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION		
10/9/2009	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
_	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL		
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	<b>✓</b> OTHER	OTHER: Pit Closure		
	MPLETED OPERATIONS. Clearly show all perti he referenced location was clos the APD procedure.	sed on 10/9/2009 as per A L Oil	olumes, etc. Accepted by the Utah Division of I, Gas and Mining IRECORD ONLY		
NAME (PLEASE PRINT) Mickenzie Gates	<b>PHONE NUMBER</b> 435 781-9145	TITLE Operations Clerk			
SIGNATURE	433 /01-3143	DATE			
N/A		10/13/2009			